SERFF Tracking #: TRGR-129464906 State Tracking #: 14-0224

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

**Product Name:** Standard Dwelling **Project Name/Number:** Rate Revision/

## Filing at a Glance

Company: Republic Underwriters Insurance Company

Product Name: Standard Dwelling

State: Arkansas
TOI: 01.0 Property

Sub-TOI: 01.0002 Personal Property (Fire and Allied Lines)

Filing Type: Rate

Date Submitted: 03/24/2014

SERFF Tr Num: TRGR-129464906

SERFF Status: Closed-Filed

State Tr Num:

State Status:

Co Tr Num: 14-0224

Effective Date 05/15/2014

Requested (New):

Effective Date 06/15/2014

Requested (Renewal):

Author(s): William Bradford, Michael McDowell, Jose Aguilar

Reviewer(s): Becky Harrington (primary)

Disposition Date: 03/26/2014

Disposition Status: Filed

Effective Date (New): 05/15/2014 Effective Date (Renewal): 06/15/2014

State Filing Description:

State: Arkansas Filing Company: Republic Underwriters Insurance Company

**TOI/Sub-TOI:** 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

**Product Name:** Standard Dwelling **Project Name/Number:** Rate Revision/

### **General Information**

Project Name: Rate Revision Status of Filing in Domicile: Not Filed

Project Number: Domicile Status Comments: Arkansas specific

Reference Organization: n/a

Reference Number: n/a

Advisory Org. Circular: n/a

Filing Status Changed: 03/26/2014

State Status Changed: Deemer Date:

Created By: William Bradford Submitted By: William Bradford

Corresponding Filing Tracking Number:

### Filing Description:

On February 14, 2014, Republic Underwriters Insurance Company submitted a rate change request for its Dwelling Fire program. The Dwelling Fire filing was for a +12.3% change based on an indication of 12.3%. Subsequently, on February 24, Republic withdrew the filings. However, due to the large rate need and our continued lack of profitability for this line, we feel a delay of another six months would put undo financial stress on our Arkansas program.

Republic Underwriters provides the attached support to revise the statewide base rates for Arkansas Dwelling form DP-3. These revisions will result in a 5.9% premium increase to be effective on May 15, 2014 for new business and June 15, 2014 for renewal business. The most recent rate change for this program was effective April 1, 2013. Republic currently insures approximately 1,826 DP-3 Dwelling Fire policyholders in Arkansas with a concentration of these policies located in the northwest corner.

An overall indicated rate increase of 15.3% has been calculated using five years of premium and loss experience for the experience period of January 2009 – December 2013.

# **Company and Contact**

### **Filing Contact Information**

William Bradford, Senior Products Filing bill.bradford@republicgroup.com

Specialist

5525 LBJ Freeway 972-788-6617 [Phone] Dallas, TX 75240 972-788-6022 [FAX]

### **Filing Company Information**

Republic Underwriters Insurance CoCode: 24538 State of Domicile: Texas

Company Group Code: 3489 Company Type: 5525 LBJ Freeway Group Name: Republic Group State ID Number:

Dallas, TX 75240-6241 FEIN Number: 75-1221537

(972) 788-6001 ext. [Phone]

# **Filing Fees**

Fee Required? Yes
Fee Amount: \$100.00

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

**Product Name:** Standard Dwelling **Project Name/Number:** Rate Revision/

Retaliatory? No

Fee Explanation: Independent rate filing

Per Company: No

Company Amount Date Processed Transaction #

Republic Underwriters Insurance Company \$100.00 03/24/2014 80578748

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

Product Name: Standard Dwelling
Project Name/Number: Rate Revision/

# **Correspondence Summary**

**Dispositions** 

| Status | Created By       | Created On | Date Submitted |
|--------|------------------|------------|----------------|
| Filed  | Becky Harrington | 03/26/2014 | 03/26/2014     |

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

Product Name:Standard DwellingProject Name/Number:Rate Revision/

## **Disposition**

Disposition Date: 03/26/2014 Effective Date (New): 05/15/2014 Effective Date (Renewal): 06/15/2014

Status: Filed

Comment:

|  | Overall % | Overall % | Written Premium | <b>Number of Policy</b> | Written       | Maximum %      | Minimum %      |
|--|-----------|-----------|-----------------|-------------------------|---------------|----------------|----------------|
| Company                                    | Indicated | Rate      | Change for      | <b>Holders Affected</b> | Premium for   | Change         | Change         |
| Name:                                      | Change:   | Impact:   | this Program:   | for this Program:       | this Program: | (where req'd): | (where req'd): |
| Republic Underwriters<br>Insurance Company | 15.300%   | 5.900%    | \$87,057        | 1,826                   | \$1,464,238   | 6.300%         | 4.200%         |

| Schedule            | Schedule Item   | Schedule Item Status | <b>Public Access</b> |
|---------------------|---|----------------------|----------------------|
| Supporting Document | Form RF-1 NAIC Loss Cost Data Entry DocumentAll P&C Lines   | Filed                | Yes                  |
| Supporting Document | HPCS-Homeowners Premium Comparison Survey                   | Filed                | Yes                  |
| Supporting Document | NAIC Loss Cost Filing Document for OTHER than Workers' Comp |                      | Yes                  |
| Supporting Document | P&C Actuarial Justification                                 | Filed                | Yes                  |
| Rate                | Base rates  | Filed                | Yes                  |

SERFF Tracking #: TRGR-129464906 State Tracking #: 14-0224

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

Product Name: Standard Dwelling
Project Name/Number: Rate Revision/

## **Rate Information**

Rate data applies to filing.

Filing Method: Prior Approval

Rate Change Type: Increase

Overall Percentage of Last Rate Revision: 19.900%

Effective Date of Last Rate Revision: 03/01/2103

Filing Method of Last Filing: Prior Approval

## **Company Rate Information**

| Company                                    | Overall % Indicated | Overall %<br>Rate | Written Premium Change for | Number of Policy<br>Holders Affected | Written<br>Premium for | Maximum %<br>Change | Minimum %<br>Change |
|--|---------------------|-------------------|----------------------------|--------------------------------------|------------------------|---------------------|---------------------|
| Name:                                      | Change:             | Impact:           | this Program:              | for this Program:                    | this Program:          | (where req'd):      | (where req'd):      |
| Republic Underwriters<br>Insurance Company | 15.300%             | 5.900%            | \$87,057                   | 1,826                                | \$1,464,238            | 6.300%              | 4.200%              |

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

Product Name: Standard Dwelling
Project Name/Number: Rate Revision/

## Rate/Rule Schedule

| Item | Schedule Item    |                     |                  |             | Previous State |                   |
|------|------------------|---------------------|------------------|-------------|----------------|-------------------|
| No.  | Status           | <b>Exhibit Name</b> | Rule # or Page # | Rate Action | Filing Number  | Attachments       |
| 1    | Filed 03/26/2014 | Base rates          | DP-R-1 to 5      | Replacement | TRGR-128794361 | Base Premiums.pdf |

### **BASE PREMIUM COMPUTATION**

## A. Fire - Coverage A - Dwelling and Coverage C - Personal Property

- 1. Owner-Occupied Key Rates
  - a. Coverage A Dwelling

| Territory | Description  | Fire Key<br>Factor |
|-----------|--|--------------------|
| 001       | Benton and Washington Counties                               | 257                |
| 002       | Carroll and Madison Counties                                 | 264                |
| 003       | Baxter, Boone and Marion Counties                            | 264                |
| 004       | Fulton, Independence, Izard and Sharp Counties               | 264                |
| 005       | Lawrence County  | 275                |
| 006       | Clay, Greene and Randolph Counties                           | 287                |
| 007       | Crawford and Sebastian Counties                              | 257                |
| 008       | Conway, Franklin, Johnson, Newton and Pope Counties          | 264                |
| 009       | Cleburne, Searcy, Stone and Van Buren Counties               | 257                |
| 010       | Jackson and Woodruff Counties                                | 275                |
| 011       | Craighead County   | 257                |
| 012       | Mississippi County   | 287                |
| 013       | Logan County   | 264                |
| 014       | Yell County  | 264                |
| 015       | Faulkner County  | 257                |
| 016       | White County   | 275                |
| 017       | Cross, Lee, Poinsett and St. Francis Counties                | 287                |
| 018       | Crittenden County  | 287                |
| 019       | Montgomery, Polk and Scott Counties                          | 264                |
| 020       | Garland, Hot Spring and Perry Counties                       | 257                |
| 021       | Grant and Saline Counties                                    | 257                |
| 022       | Remainder of Pulaski County                                  | 252                |
| 023       | Lonoke County  | 264                |
| 024       | Prairie County   | 275                |
| 025       | Monroe County  | 275                |
| 026       | Jefferson County   | 275                |
| 027       | Arkansas County  | 287                |
| 028       | Phillips County  | 287                |
| 029       | Clark, Howard, Pike and Sevier Counties                      | 264                |
| 030       | Bradley, Calhoun, Cleveland, Dallas and Lincoln Counties     | 287                |
| 031       | Desha County   | 287                |
| 032       | Little River and Miller Counties                             | 257                |
| 033       | Hempstead and LaFayette Counties                             | 275                |
| 034       | Nevada and Ouachita Counties                                 | 275                |
| 035       | Columbia County  | 264                |
| 036       | Union County   | 264                |
| 037       | Ashley, Chicot and Drew Counties                             | 287                |
| 038       | Cities of Little Rock and North Little Rock (Pulaski County) | 252                |
| 039       | Hot Springs Village  | 246                |

Table 301.A.1.a., Coverage A Fire Key Rates

### BASE PREMIUM COMPUTATION, (cont)

### b. Coverage C - Personal Property

| Territory | Description  | Fire Key Factor |
|-----------|--------------|-----------------|
| All       | All counties | 41              |

## Table 301.A.1.b., Coverage C Fire Key Rates

### 2. Classification Tables

### a. Protection-Construction Classification Factors

| Protection Class | Const | ruction | Protection Class | Const | ruction |
|------------------|-------|---------|------------------|-------|---------|
|                  | Frame | Masonry |                  | Frame | Masonry |
| 1                | 0.85  | 0.67    | 7                | 1.36  | 1.06    |
| 2                | 0.85  | 0.67    | 8                | 1.55  | 1.18    |
| 3                | 0.90  | 0.70    | 8B               | 2.90  | 2.24    |
| 4                | 0.90  | 0.70    | 9                | 2.90  | 2.24    |
| 5                | 1.00  | 0.78    | 10               | 3.72  | 2.72    |
| 6                | 1.09  | 0.83    |                  |       |         |

## Table 301.A.2.a., Protection-Construction Factors

b. Occupancy Classification Factors

| Occupancy       | Factor |
|-----------------|--------|
| Owner Occupied  | 1.000  |
| Tenant Occupied | 1.110  |

Table 301.A.2.b., Occupancy Factors

### c. Seasonal-Secondary Classification Factors

| Occupancy                 | Factor |
|---------------------------|--------|
| Not seasonal or secondary | 1.000  |
| Seasonal or secondary     | 1.200  |

### Table 301.A.2.c., Seasonal-Secondary Factors

d. Number of Family Classification Factors

| Number of Families     | Factor |
|------------------------|--------|
| One Family             | 1.000  |
| Two Families           | 1.200  |
| Three or Four Families | 1.500  |

### Table 301.A.2.c., Number of Family Factors

### 3. Key Factor Table (Rule 301.A.7.)

### a. Coverage A - Dwelling

| Amount of | erage A - Dwein | Amount of |        | Amount of |        | Amount of |        |
|-----------|-----------------|-----------|--------|-----------|--------|-----------|--------|
| Insurance | Factor          | Insurance | Factor | Insurance | Factor | Insurance | Factor |
| \$30,000  | 0.592           | \$73,000  | 0.982  | \$116,000 | 1.370  | \$159,000 | 1.759  |
| \$31,000  | 0.601           | \$74,000  | 0.991  | \$117,000 | 1.379  | \$160,000 | 1.767  |
| \$32,000  | 0.610           | \$75,000  | 1.000  | \$118,000 | 1.388  | \$161,000 | 1.776  |
| \$33,000  | 0.619           | \$76,000  | 1.009  | \$119,000 | 1.397  | \$162,000 | 1.786  |
| \$34,000  | 0.628           | \$77,000  | 1.018  | \$120,000 | 1.406  | \$163,000 | 1.794  |
| \$35,000  | 0.637           | \$78,000  | 1.027  | \$121,000 | 1.415  | \$164,000 | 1.804  |
| \$36,000  | 0.646           | \$79,000  | 1.036  | \$122,000 | 1.424  | \$165,000 | 1.812  |
| \$37,000  | 0.656           | \$80,000  | 1.045  | \$123,000 | 1.433  | \$166,000 | 1.822  |
| \$38,000  | 0.664           | \$81,000  | 1.054  | \$124,000 | 1.443  | \$167,000 | 1.831  |
| \$39,000  | 0.673           | \$82,000  | 1.063  | \$125,000 | 1.451  | \$168,000 | 1.840  |
| \$40,000  | 0.683           | \$83,000  | 1.072  | \$126,000 | 1.460  | \$169,000 | 1.848  |
| \$41,000  | 0.692           | \$84,000  | 1.081  | \$127,000 | 1.469  | \$170,000 | 1.857  |
| \$42,000  | 0.701           | \$85,000  | 1.090  | \$128,000 | 1.478  | \$171,000 | 1.867  |
| \$43,000  | 0.710           | \$86,000  | 1.099  | \$129,000 | 1.488  | \$172,000 | 1.875  |
| \$44,000  | 0.719           | \$87,000  | 1.108  | \$130,000 | 1.496  | \$173,000 | 1.885  |

BASE PREMIUM COMPUTATION, (cont.)

| Amount of      | MI COMI CIAII  | Amount of |        | Amount of |        | Amount of |        |
|----------------|----------------|-----------|--------|-----------|--------|-----------|--------|
| Insurance      | Factor         | Insurance | Factor | Insurance | Factor | Insurance | Factor |
| \$45,000       | 0.728          | \$88,000  | 1.118  | \$131,000 | 1.505  | \$174,000 | 1.894  |
| \$46,000       | 0.738          | \$89,000  | 1.126  | \$132,000 | 1.514  | \$175,000 | 1.903  |
| \$47,000       | 0.746          | \$90,000  | 1.135  | \$133,000 | 1.523  | \$176,000 | 1.912  |
| \$48,000       | 0.756          | \$91,000  | 1.144  | \$134,000 | 1.532  | \$177,000 | 1.921  |
| \$49,000       | 0.765          | \$92,000  | 1.153  | \$135,000 | 1.541  | \$178,000 | 1.930  |
| \$50,000       | 0.774          | \$93,000  | 1.162  | \$136,000 | 1.550  | \$179,000 | 1.939  |
| \$51,000       | 0.783          | \$94,000  | 1.171  | \$137,000 | 1.559  | \$180,000 | 1.948  |
| \$52,000       | 0.792          | \$95,000  | 1.180  | \$138,000 | 1.569  | \$181,000 | 1.957  |
| \$53,000       | 0.801          | \$96,000  | 1.189  | \$139,000 | 1.578  | \$182,000 | 1.966  |
| \$54,000       | 0.810          | \$97,000  | 1.199  | \$140,000 | 1.587  | \$183,000 | 1.975  |
| \$55,000       | 0.819          | \$98,000  | 1.207  | \$141,000 | 1.596  | \$184,000 | 1.984  |
| \$56,000       | 0.828          | \$99,000  | 1.217  | \$142,000 | 1.605  | \$185,000 | 1.993  |
| \$57,000       | 0.837          | \$100,000 | 1.226  | \$143,000 | 1.613  | \$186,000 | 2.002  |
| \$58,000       | 0.847          | \$101,000 | 1.234  | \$144,000 | 1.623  | \$187,000 | 2.011  |
| \$59,000       | 0.855          | \$102,000 | 1.244  | \$145,000 | 1.632  | \$188,000 | 2.020  |
| \$60,000       | 0.864          | \$103,000 | 1.253  | \$146,000 | 1.641  | \$189,000 | 2.029  |
| \$61,000       | 0.874          | \$104,000 | 1.262  | \$147,000 | 1.650  | \$190,000 | 2.038  |
| \$62,000       | 0.882          | \$105,000 | 1.271  | \$148,000 | 1.658  | \$191,000 | 2.047  |
| \$63,000       | 0.891          | \$106,000 | 1.280  | \$149,000 | 1.668  | \$192,000 | 2.056  |
| \$64,000       | 0.900          | \$107,000 | 1.289  | \$150,000 | 1.677  | \$193,000 | 2.065  |
| \$65,000       | 0.909          | \$108,000 | 1.298  | \$151,000 | 1.686  | \$194,000 | 2.074  |
| \$66,000       | 0.919          | \$109,000 | 1.307  | \$152,000 | 1.695  | \$195,000 | 2.083  |
| \$67,000       | 0.928          | \$110,000 | 1.316  | \$153,000 | 1.704  | \$196,000 | 2.092  |
| \$68,000       | 0.936          | \$111,000 | 1.325  | \$154,000 | 1.713  | \$197,000 | 2.101  |
| \$69,000       | 0.946          | \$112,000 | 1.334  | \$155,000 | 1.723  | \$198,000 | 2.110  |
| \$70,000       | 0.955          | \$113,000 | 1.343  | \$156,000 | 1.731  | \$199,000 | 2.119  |
| \$71,000       | \$71,000 0.964 |           | 1.352  | \$157,000 | 1.740  | \$200,000 | 2.128  |
| \$72,000       | 0.973          | \$115,000 | 1.361  | \$158,000 | 1.749  |           |        |
| Each Additiona | 1 \$1,000      |           | 0.009  |           |        |           |        |

Table 301.A.3.a., Dwelling Key Factors (Fire)

b. Coverage C - Personal Property

| Amount of |        | Amount of |        | Amount of |        | Amount of |        |
|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| Insurance | Factor | Insurance | Factor | Insurance | Factor | Insurance | Factor |
| 1,000     | 0.245  | 39,000    | 3.244  | 76,000    | 6.103  | 113,000   | 8.983  |
| 2,000     | 0.334  | 40,000    | 3.320  | 77,000    | 6.181  | 114,000   | 9.061  |
| 3,000     | 0.421  | 41,000    | 3.395  | 78,000    | 6.259  | 115,000   | 9.139  |
| 4,000     | 0.506  | 42,000    | 3.472  | 79,000    | 6.337  | 116,000   | 9.216  |
| 5,000     | 0.591  | 43,000    | 3.547  | 80,000    | 6.414  | 117,000   | 9.294  |
| 6,000     | 0.674  | 44,000    | 3.623  | 81,000    | 6.492  | 118,000   | 9.372  |
| 7,000     | 0.756  | 45,000    | 3.699  | 82,000    | 6.570  | 119,000   | 9.450  |
| 8,000     | 0.838  | 46,000    | 3.775  | 83,000    | 6.648  | 120,000   | 9.528  |
| 9,000     | 0.919  | 47,000    | 3.851  | 84,000    | 6.726  | 121,000   | 9.606  |
| 10,000    | 1.000  | 48,000    | 3.926  | 85,000    | 6.803  | 122,000   | 9.684  |
| 11,000    | 1.080  | 49,000    | 4.003  | 86,000    | 6.881  | 123,000   | 9.761  |
| 12,000    | 1.160  | 50,000    | 4.079  | 87,000    | 6.959  | 124,000   | 9.839  |
| 13,000    | 1.239  | 51,000    | 4.158  | 88,000    | 7.037  | 125,000   | 9.917  |
| 14,000    | 1.318  | 52,000    | 4.236  | 89,000    | 7.115  | 126,000   | 9.995  |
| 15,000    | 1.396  | 53,000    | 4.314  | 90,000    | 7.193  | 127,000   | 10.073 |

BASE PREMIUM COMPUTATION, (cont.)

| Amount of               |        | Amount of |        | Amount of     |        | Amount of |        |
|-------------------------|--------|-----------|--------|---------------|--------|-----------|--------|
| Insurance               | Factor | Insurance | Factor | Insurance     | Factor | Insurance | Factor |
| 16,000                  | 1.475  | 54,000    | 4.392  | 91,000        | 7.270  | 128,000   | 10.151 |
| 17,000                  | 1.553  | 55,000    | 4.469  | 92,000        | 7.348  | 129,000   | 10.229 |
| 18,000                  | 1.631  | 56,000    | 4.547  | 93,000        | 7.426  | 130,000   | 10.306 |
| 19,000                  | 1.709  | 57,000    | 4.625  | 94,000        | 7.504  | 131,000   | 10.384 |
| 20,000                  | 1.787  | 58,000    | 4.703  | 95,000        | 7.582  | 132,000   | 10.462 |
| 21,000                  | 1.864  | 59,000    | 4.781  | 96,000        | 7.660  | 133,000   | 10.540 |
| 22,000                  | 1.941  | 60,000    | 4.858  | 97,000        | 7.737  | 134,000   | 10.618 |
| 23,000                  | 2.019  | 61,000    | 4.936  | 98,000        | 7.815  | 135,000   | 10.696 |
| 24,000                  | 2.096  | 62,000    | 5.014  | 99,000        | 7.893  | 136,000   | 10.774 |
| 25,000                  | 2.173  | 63,000    | 5.092  | 100,000       | 7.971  | 137,000   | 10.851 |
| 26,000                  | 2.250  | 64,000    | 5.169  | 101,000       | 8.049  | 138,000   | 10.929 |
| 27,000                  | 2.327  | 65,000    | 5.247  | 102,000       | 8.127  | 139,000   | 11.007 |
| 28,000                  | 2.403  | 66,000    | 5.325  | 103,000       | 8.204  | 140,000   | 11.085 |
| 29,000                  | 2.480  | 67,000    | 5.403  | 104,000       | 8.282  | 141,000   | 11.163 |
| 30,000                  | 2.557  | 68,000    | 5.481  | 105,000       | 8.360  | 142,000   | 11.241 |
| 31,000                  | 2.633  | 69,000    | 5.558  | 106,000       | 8.438  | 143,000   | 11.319 |
| 32,000                  | 2.710  | 70,000    | 5.636  | 107,000       | 8.516  | 144,000   | 11.397 |
| 33,000                  | 2.786  | 71,000    | 5.714  | 108,000       | 8.594  | 145,000   | 11.474 |
| 34,000                  | 2.862  | 72,000    | 5.792  | 109,000       | 8.672  | 146,000   | 11.552 |
| 35,000                  | 2.938  | 73,000    | 5.870  | 110,000       | 8.749  | 147,000   | 11.630 |
| 36,000                  | 3.015  | 74,000    | 5.947  | 111,000       | 8.827  | 148,000   | 11.708 |
| 37,000                  | 3.091  | 75,000    | 6.025  | 112,000 8.905 |        | 149,000   | 11.786 |
| 38,000                  | 3.167  |           |        |               |        | 150,000   | 11.864 |
| Each Additional \$1,000 |        |           | 0.078  |               |        |           |        |

Table 301.A.3.a., Personal Property Key Factors (Fire)

- B. Special Form (DP 00 03) For Coverage A Dwelling and Coverage C Personal Property
  - 1. Owner-Occupied Key Rates
    - a. Coverage A Dwelling

| Territory |   | Special Form<br>Key Factor |
|-----------|---|----------------------------|
| 001       | Benton and Washington Counties                      | 289                        |
| 002       | Carroll and Madison Counties                        | 333                        |
| 003       | Baxter, Boone and Marion Counties                   | 333                        |
| 004       | Fulton, Independence, Izard and Sharp Counties      | 333                        |
| 005       | Lawrence County                                     | 387                        |
| 006       | Clay, Greene and Randolph Counties                  | 441                        |
| 007       | Crawford and Sebastian Counties                     | 280                        |
| 800       | Conway, Franklin, Johnson, Newton and Pope Counties | 333                        |
| 009       | Cleburne, Searcy, Stone and Van Buren Counties      | 280                        |
| 010       | Jackson and Woodruff Counties                       | 387                        |
| 011       | Craighead County                                    | 280                        |
| 012       | Mississippi County                                  | 441                        |
| 013       | Logan County  | 333                        |
| 014       | Yell County   | 333                        |
| 015       | Faulkner County                                     | 280                        |
| 016       | White County  | 387                        |
| 017       | Cross, Lee, Poinsett and St. Francis Counties       | 441                        |
| 018       | Crittenden County                                   | 441                        |

### BASE PREMIUM COMPUTATION, (cont.)

|                  |  | Special Form |
|------------------|--|--------------|
| <u>Territory</u> |  | Key Factor   |
| 019              | Montgomery, Polk and Scott Counties                          | 333          |
| 020              | Garland, Hot Spring and Perry Counties                       | 280          |
| 021              | Grant and Saline Counties                                    | 280          |
| 022              | Remainder of Pulaski County                                  | 270          |
| 023              | Lonoke County  | 333          |
| 024              | Prairie County   | 387          |
| 025              | Monroe County  | 387          |
| 026              | Jefferson County   | 387          |
| 027              | Arkansas County  | 441          |
| 028              | Phillips County  | 441          |
| 029              | Clark, Howard, Pike and Sevier Counties                      | 333          |
| 030              | Bradley, Calhoun, Cleveland, Dallas and Lincoln Counties     | 441          |
| 031              | Desha County   | 441          |
| 032              | Little River and Miller Counties                             | 280          |
| 033              | Hempstead and LaFayette Counties                             | 387          |
| 034              | Nevada and Ouachita Counties                                 | 387          |
| 035              | Columbia County  | 333          |
| 036              | Union County   | 333          |
| 037              | Ashley, Chicot and Drew Counties                             | 441          |
| 038              | Cities of Little Rock and North Little Rock (Pulaski County) | 270          |
| 039              | Hot Springs Village  | 261          |

Table 301.B.1.a., Coverage A Special Form Key Rates

### b. Coverage C - Personal Property

|                  |              | Special Form |
|------------------|--------------|--------------|
| <u>Territory</u> | Description  | Key Factor   |
| All              | All counties | 72           |

### Table 301.B.1.b., Coverage C Special Form Key Rates

### 2. Classification Tables

### a. Occupancy Classification Factors

| Occupancy       | Factor |
|-----------------|--------|
| Owner Occupied  | 1.000  |
| Tenant Occupied | 1.110  |

## Table 301.B.2.a., Occupancy Factors

### b. Reserved for future use.

### 3. Key Factor Table (Rule 301.B.6.)

### a. Coverage A - Dwelling

| Amount of |        | Amount of |        | Amount of |        | Amount of |        |
|-----------|--------|-----------|--------|-----------|--------|-----------|--------|
| Insurance | Factor | Insurance | Factor | Insurance | Factor | Insurance | Factor |
| \$30,000  | 0.592  | \$73,000  | 0.982  | \$116,000 | 1.370  | \$159,000 | 1.759  |
| \$31,000  | 0.601  | \$74,000  | 0.991  | \$117,000 | 1.379  | \$160,000 | 1.767  |
| \$32,000  | 0.610  | \$75,000  | 1.000  | \$118,000 | 1.388  | \$161,000 | 1.776  |
| \$33,000  | 0.619  | \$76,000  | 1.009  | \$119,000 | 1.397  | \$162,000 | 1.786  |
| \$34,000  | 0.628  | \$77,000  | 1.018  | \$120,000 | 1.406  | \$163,000 | 1.794  |
| \$35,000  | 0.637  | \$78,000  | 1.027  | \$121,000 | 1.415  | \$164,000 | 1.804  |
| \$36,000  | 0.646  | \$79,000  | 1.036  | \$122,000 | 1.424  | \$165,000 | 1.812  |
| \$37,000  | 0.656  | \$80,000  | 1.045  | \$123,000 | 1.433  | \$166,000 | 1.822  |
| \$38,000  | 0.664  | \$81,000  | 1.054  | \$124,000 | 1.443  | \$167,000 | 1.831  |
| \$39,000  | 0.673  | \$82,000  | 1.063  | \$125,000 | 1.451  | \$168,000 | 1.840  |

State: Arkansas Filing Company: Republic Underwriters Insurance Company

TOI/Sub-TOI: 01.0 Property/01.0002 Personal Property (Fire and Allied Lines)

Product Name:Standard DwellingProject Name/Number:Rate Revision/

# **Supporting Document Schedules**

| Satisfied - Item: | Form RF-1 NAIC Loss Cost Data Entry DocumentAll P&C Lines |
|-------------------|---|
| Comments:         |   |
| Attachment(s):    | FORM RF-1 Rate Filing Abstract.pdf                        |
| Item Status:      | Filed   |
| Status Date:      | 03/26/2014  |
| Satisfied - Item: | HPCS-Homeowners Premium Comparison Survey                 |
| Comments:         |   |
| Attachment(s):    | HO Survey FORM HPCS.pdf<br>HO Survey FORM HPCS.xls        |
| Item Status:      | Filed   |
| Status Date:      | 03/26/2014  |
| Satisfied - Item: | P&C Actuarial Justification                               |
| Comments:         |   |
| Attachment(s):    | Filing Exhibit.pdf Filing Memo AR DP-3.pdf                |
| Item Status:      | Filed   |
| Status Date:      | 03/26/2014  |

## NAIC LOSS COST DATA ENTRY DOCUMENT

| 1.   | This filing transmittal is part of Company Tracking #   |  |                                   |                                   |                         |    | 14-0224   |  |                                      |   |  |
|------|---|--|-----------------------------------|-----------------------------------|-------------------------|----|---|--|--------------------------------------|---|--|
| 2.   | If filing is an adoption of an advisory organization loss cost filing, give name of Advisory Organization and Reference/ Item Filing Number |  |                                   |                                   |                         |    | N/A   |  |                                      |   |  |
|      |   |  | Comp                              | oany Name                         |                         |    |   | Company                                    | NAIC Number                          |   |  |
| 3.   | A.  | . Republic Underwriters Insurance Company                        |                                   |                                   |                         |    |   |  | 24538                                |   |  |
|      |   | Product Coding Matrix Line of Business (i.e., Type of Insurance) |                                   |                                   |                         |    | Product Coding Matrix Line of Insurance (i.e., Sub-type of Insurance) |  |                                      |   |  |
| 4.   | A.  |  | 01.0                              | Property                          |                         | B. | 3. 01.0002 Personal Property (Fire and Allied Lines)                  |  |                                      |   |  |
| 5.   |   |  |                                   |                                   |                         |    |   |  |                                      |   |  |
|      |   | (A)  |                                   |                                   |                         |    | F   | OR LOSS COSTS C                            | NLY                                  |   |  |
|      | COVERAGE<br>(See Instructions)  |  | (B) Indicated % Rate Level Change | (C) Requested % Rate Level Change | (D) Expected Loss Ratio |    | (E) _oss Cost lodification Factor                                     | (F)<br>Selected<br>Loss Cost<br>Multiplier | (G) Expense Constant (If Applicable) | (H)<br>Co. Current<br>Loss Cost<br>Multiplier |  |
| Fire | )   |  | 25.6%                             | 6.3%                              |                         |    |   | •  | ,                                    | •   |  |
| Alli | ed Li   | ines   | 8.8%                              | 6.3%                              |                         |    |   |  |                                      |   |  |
|      |   |  |                                   |                                   |                         |    |   |  |                                      |   |  |
|      |   |  |                                   |                                   |                         |    |   |  |                                      |   |  |
| _    | TAL   | OVERALL  | 15.3%                             | 5.9%                              |                         |    |   |  |                                      |   |  |

| 6.   | 5 Year History | Rate Change History |                   |                                  |                             |                     |                           |
|------|----------------|---------------------|-------------------|----------------------------------|-----------------------------|---------------------|---------------------------|
| Year | Policy Count   | % of<br>Change      | Effective<br>Date | State Earned<br>Premium<br>(000) | Incurred<br>Losses<br>(000) | State Loss<br>Ratio | Countrywide<br>Loss Ratio |
| 2013 | 2,128          | 20%                 | 4/1/2013          | 1,593                            | 815                         | 51%                 |                           |
| 2012 | 2,808          | 20%                 | 4/1/2012          | 1,586                            | 1,603                       | 101%                | 31.8%                     |
| 2011 | 2,626          | N/A                 | N/A               | 1,178                            | 1,502                       | 128%                | 41.3%                     |
| 2010 | 2,030          | N/A                 | N/A               | 850                              | 485                         | 57%                 | 42.3%                     |
| 2009 | 1,233          | N/A                 | N/A               | 398                              | 390                         | 98%                 | 58.1%                     |
| 2008 | 275            | N/A                 | N/A               | 23                               | 58                          | 256%                | 116.9%                    |

| 1.                          |                        |
|-----------------------------|------------------------|
| Expense Constants           | Selected<br>Provisions |
| A. Total Production Expense | 22.6%                  |
| B. General Expense          | 5.3%                   |
| C. Taxes, License & Fees    | 3.8%                   |
| D. Underwriting Profit      | 8.5%                   |
| & Contingencies             |                        |
| E. Other (explain)          |                        |
| F. TOTAL                    | 40.2%                  |

|                | _Apply Lost Cost Factors to Future filings? (Y or N)                            |
|----------------|---|
| 9. <u>6.3%</u> | Estimated Maximum Rate Increase for any Insured (%). Territory (if applicable): |
| 10. <u>0%</u>  | Estimated Maximum Rate Decrease for any Insured (%) Territory (if applicable):  |

EFFECT\*

<sup>\*</sup>Total effect includes premium from miscellaneous coverages

| NAIC Number:    | 24538                                   |
|-----------------|---|
| Company Name:   | Republic Underwriters Insurance Company |
| Contact Person: | Bill Bradford                           |
| Telephone No.:  | 972-788-6617                            |
| Email Address:  | bill.bradford@republicgroup.com         |
| Effective Date: | 5/15/2014 (NB): 6/15/2014 (Renewal)     |

# Homeowners Premium Comparision Survey Form FORM HPCS - last modified August, 2005

Submit to: Arkansas Insurance Department

| Contact Person:         | Bill Bradford |                |               |               |                |                | Little Rock, AR 7220  |   |                |               | AR 72201-190   | )4             |               |                |                |               |              |               |            |
|-------------------------|---------------|----------------|---------------|---------------|----------------|----------------|---|---|----------------|---------------|----------------|----------------|---------------|----------------|----------------|---------------|--------------|---------------|------------|
| Telephone No.:          | 972-788-661   | 7              |               |               |                |                | USE THE APPROPRIATE FORM BELOW - IF NOT APPLICABLE, LEAVE Telephone: 501-371-2800 |   |                |               |                |                |               |                |                |               |              |               |            |
| Email Address:          |               | republicgrou   |               |               |                |                |   | BLANK  Email as an attachment to <u>insurance.pnc@arkansas</u> You may also attach to a SERFF filing or submit on |                |               |                |                |               |                |                |               |              |               |            |
| Effective Date:         | 5/15/2014 (N  | B); 6/15/2014  | (Renewal)     |               |                |                | Y   |   |                |               |                | You may als    | o attach to a | SERFF filing   | or submit on a | cdr disk      |              |               |            |
| Survey Form for         | HO3 (Homeo    | wners) - Use   | \$500 Flat De | ductible (Cov | ers risk of c  | lirect physica | I loss for dw   | velling and o   | ther structur  | es; named p   | erils for pers | onal propert   | y, replaceme  | nt cost on di  | welling, actu  | al cash value | on persona   | property)     |            |
| Public                  | Dwelling      | Wash           | ington        | Bax           | cter           | Craig          | head  | St. Fr  | ancis          | De            | sha            | Un             | ion           | Mi             | ller           | Seba          | stian        | Pul           | aski       |
| <b>Protection Class</b> | Value         | Brick          | Frame         | Brick         | Frame          | Brick          | Frame   | Brick   | Frame          | Brick         | Frame          | Brick          | Frame         | Brick          | Frame          | Brick         | Frame        | Brick         | Frame      |
|                         | \$80,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| 3                       | \$120,000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              | •             |            |
|                         | \$160,000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$80,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| 6                       | \$120,000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$160.000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | ,             |                |               |               |                |                |   |   |                |               |                |                |               |                |                | 1             |              |               |            |
| 9                       | \$80,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| ,                       | \$120,000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$160,000     |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| Survey Form for         | HO4 (Renters  | s) - Use \$500 | Flat Deductil | ble (Named p  | erils for pers | sonal propert  | y, actual cas   | sh value for l  | oss, liability | and medical   | payments fo    | or others incl | uded)         |                |                |               |              |               |            |
| Public                  | Property      |                | ington        |               | cter           | Craig          |   |   | ancis          |               | nsas           | Un             |               |                | ller           |               | ıstian       | Pul           |            |
| Protection Class        | Value         | Brick          | Frame         | Brick         | Frame          | Brick          | Frame   | Brick   | Frame          | Brick         | Frame          | Brick          | Frame         | Brick          | Frame          | Brick         | Frame        | Brick         | Frame      |
|                         | \$5,000       |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| 3                       | \$15,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$25,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$5,000       |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| 6                       | \$15,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$25,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$5.000       |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| 9                       | \$15,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | \$25,000      |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         | ψ20,000       |                |               |               |                |                |   |   |                |               |                |                |               |                |                | l             |              |               |            |
| Survey Form for         |               |                |               |               |                |                |   |   |                | st for dwelli | ng, actual ca  |                |               | perty, no liak | oility coverag |               |              |               |            |
| Public                  | Dwelling      | Wash<br>Brick  | ington        | Brick         |                | Craig<br>Brick |   | St. Fr  |                | Arka<br>Brick | nsas           | Un<br>Brick    | ion           | Mi<br>Brick    |                | Seba<br>Brick | stian        | Pula<br>Brick |            |
| Protection Class        |               |                | Frame         |               | Frame          |                | Frame   |   | Frame          |               | Frame          |                | Frame         |                | Frame          |               | Frame        |               | Frame      |
|                         | \$80,000      | \$490.00       | \$544.00      | \$541.00      | \$596.00       | \$481.00       | \$535.00  | \$671.00  | \$731.00       | \$671.00      | \$731.00       | \$541.00       | \$596.00      | \$481.00       | \$535.00       | \$481.00      | \$535.00     | \$466.00      | \$519.00   |
| 3                       | \$120,000     | \$659.00       | \$731.00      | \$728.00      | \$802.00       | \$647.00       | \$719.00  | \$902.00  | \$983.00       | \$902.00      | \$983.00       | \$728.00       | \$802.00      | \$647.00       | \$719.00       | \$647.00      | \$719.00     | \$628.00      | \$699.00   |
|                         | \$160,000     | \$829.00       | \$920.00      | \$915.00      | \$1,008.00     | \$813.00       | \$904.00  | \$1,134.00  | \$1,235.00     | \$1,134.00    | \$1,235.00     | \$915.00       | \$1,008.00    | \$813.00       | \$904.00       | \$813.00      | \$904.00     | \$789.00      | \$878.00   |
|                         | \$80,000      | \$525.00       | \$595.00      | \$577.00      | \$649.00       | \$516.00       | \$586.00  | \$710.00  | \$788.00       | \$710.00      | \$788.00       | \$577.00       | \$649.00      | \$516.00       | \$586.00       | \$516.00      | \$586.00     | \$501.00      | \$569.00   |
| 6                       | \$120,000     | \$706.00       | \$800.00      | \$776.00      | \$873.00       | \$694.00       | \$788.00  | \$955.00  | \$1,060.00     | \$955.00      | \$1,060.00     | \$776.00       | \$873.00      | \$694.00       | \$788.00       | \$694.00      | \$788.00     | \$674.00      | \$766.00   |
|                         | \$160,000     | \$888.00       | \$1,006.00    | \$975.00      | \$1,096.00     | \$872.00       | \$990.00  | \$1,200.00  | \$1,332.00     | \$1,200.00    | \$1,332.00     | \$975.00       | \$1,096.00    | \$872.00       | \$990.00       | \$872.00      | \$990.00     | \$847.00      | \$962.00   |
|                         | \$80,000      | \$904.00       | \$1,081.00    | \$966.00      | \$1,148.00     | \$895.00       | \$1,072.00  | \$1,133.00  | \$1,331.00     | \$1,133.00    | \$1,331.00     | \$966.00       | \$1,148.00    | \$895.00       | \$1,072.00     | \$895.00      | \$1,072.00   | \$872.00      | \$1,046.00 |
| 9                       | \$120,000     | \$1,215.00     | \$1,454.00    | \$1,299.00    | \$1,544.00     | \$1,203.00     | \$1,442.00  | \$1,524.00  | \$1,790.00     | \$1,524.00    | \$1,790.00     | \$1,299.00     | \$1,544.00    | \$1,203.00     | \$1,442.00     | \$1,203.00    | \$1,442.00   | \$1,174.00    | \$1,408.00 |
|                         | \$160,000     | \$1,528.00     | \$1,828.00    | \$1,633.00    | \$1,941.00     | \$1,512.00     | \$1,812.00  | \$1,915.00  | \$2,250.00     | \$1,915.00    | \$2,250.00     | \$1,633.00     | \$1,941.00    | \$1,512.00     | \$1,812.00     | \$1,512.00    | \$1,812.00   | \$1,474.00    | \$1,768.00 |
| CDECIEV THE             | DEDCENT       |                |               |               |                |                |   |   |                |               |                |                |               |                |                |               |              |               |            |
| SPECIFY THE HO3 and HO4 |               | AGE GIVE       | V FOR CRI     | DITS OR L     | JISCOUN I      | S FOR THE      | - FOLLOW  | ING:  |                | JAKE INSU     |                | does NOT       | utomatically  | cover losse    | s from earth   | nuakes Ask    | vour agent s | about this co |            |
| Fire Extinguisher       | Only          | n              | %             | Deadbolt Loc  | ck             | 0              | %   |   |                | URRENTLY I    |                |                |               |                |                | Yes           | (yes or no)  | Sout tills co |            |
| Burglar Alarm           |               | 2              |               | Window Lock   |                | 0              | %   |   |                | OUR PERCEI    |                |                |               |                |                | 5             | %            |               |            |
| Smoke Alarm             |               | 5              |               | \$1,000 Dedu  |                | 2              |   |   |                |               |                |                |               |                |                |               |              |               |            |
|                         |               |                |               | Other (specif | (y)            |                |   |   |                |               |                |                |               | Zone           |                | Brick         |              | Frame         |            |
|                         |               |                |               | Mariana       | adit Allawart  |                |   |   | WHAT IS YO     | OUR PRICE F   | ER \$1,000 O   | F COVERAG      | E?            | Highest Risk   | \$             | 2.22          | \$           | 1.96          |            |
|                         |               |                |               | Maximum Cr    | eait Allowed   | 1              | %   |   |                |               |                |                |               | Lowest Risk    | \$             | 0.7           | \$           | 0.26          |            |

|                       | Inforce        |    |                   |             |
|-----------------------|----------------|----|-------------------|-------------|
|                       | Written        |    | Rate              | Overall     |
|                       | <u>Premium</u> | į  | <u>Indication</u> | Rate Change |
| Fire                  | 608,398        |    | 25.6%             | 6.3%        |
| Allied                | 773,454        |    | 8.8%              | 6.3%        |
| Additional Coverages* | 82,386         |    |                   |             |
| Allied+Add'l Covgs    | 855,840        |    | 7.9%              | 5.7%        |
| Total                 | 1,464,238      |    | 15.3%             | 5.9%        |
| \$\$ Change           |                | \$ | 223,895           | \$ 87,057   |

<sup>\*</sup> includes Liability, Identity Theft and Earthquake

## Republic Underwriters Insurance Company Arkansas Dwelling Fire (DP-3) Proposed Territory Base Rates

|   | Current |        |        | Proposed Base Rate Change |        |        | Proposed |        |        |        |        |        |
|---|---------|--------|--------|---------------------------|--------|--------|----------|--------|--------|--------|--------|--------|
|   | Fire    | Fire   | EC     | EC                        | Fire   | Fire   | EC       | EC     | Fire   | Fire   | EC     | EC     |
| Territory Description   | Cov. A  | Cov. C | Cov. A | Cov. C                    | Cov. A | Cov. C | Cov. A   | Cov. C | Cov. A | Cov. C | Cov. A | Cov. C |
| 001 Benton and Washington Counties                              | 242     | 39     | 272    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 289    | 72     |
| 002 Carroll and Madison Counties                                | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 003 Baxter, Boone and Marion Counties                           | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 004 Fulton, Independence, Izard and Sharp Counties              | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 005 Lawrence County   | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 006 Clay, Greene and Randolph Counties                          | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 007 Crawford and Sebastian Counties                             | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 008 Conway, Franklin, Johnson, Newton, and Pope Counties        | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 009 Cleburne, Searcy, Stone, and Van Buren Counties             | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 010 Jackson and Woodruff Counties                               | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 011 Craighead County  | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 012 Mississippi County  | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 013 Logan County  | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 014 Yell County   | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 015 Faulkner County   | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 016 White County  | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 017 Cross, Lee, Poinsett and St. Francis Counties               | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 018 Crittenden County   | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 019 Montgomery, Polk, and Scott Counties                        | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 020 Remainder of Garland, Hot Spring and Perry Counties         | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 021 Grant and Remainder of Saline Counties                      | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 022 Remainder of Pulaski County                                 | 237     | 39     | 254    | 68                        | 6%     | 6%     | 6%       | 6%     | 252    | 41     | 270    | 72     |
| 023 Lonoke County   | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 024 Prairie County  | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 025 Monroe County   | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 026 Jefferson County  | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 027 Arkansas County   | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 028 Phillips County   | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 029 Clark, Howard, Pike, and Sevier Counties                    | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 030 Bradley, Calhoun, Cleveland, Dallas and Lincoln Counties    | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 031 Desha County  | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 032 Little River and Miller Counties                            | 242     | 39     | 263    | 68                        | 6%     | 6%     | 6%       | 6%     | 257    | 41     | 280    | 72     |
| 033 Hempstead and LaFayette Counties                            | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 034 Nevada and Ouachita Counties                                | 259     | 39     | 364    | 68                        | 6%     | 6%     | 6%       | 6%     | 275    | 41     | 387    | 72     |
| 035 Columbia County   | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 036 Union County  | 248     | 39     | 313    | 68                        | 6%     | 6%     | 6%       | 6%     | 264    | 41     | 333    | 72     |
| 037 Ashley, Chicot and Drew Counties                            | 270     | 39     | 415    | 68                        | 6%     | 6%     | 6%       | 6%     | 287    | 41     | 441    | 72     |
| 038 Cities of Little Rock and North Little Rock(Pulaski County) | 237     | 39     | 254    | 68                        | 6%     | 6%     | 6%       | 6%     | 252    | 41     | 270    | 72     |
| 039 Hot Springs Village (Garland and Saline Counties)           | 231     | 39     | 246    | 68                        | 6%     | 6%     | 6%       | 6%     | 246    | 41     | 261    | 72     |

Exhibit I Fire

### Fire **Statewide Rate Level Indications**

Data as of: Dec-13 Proposed Effective Dates New: 5/15/2014

6/15/2014

Renewal:

### **Republic Group Of Insurance Companies**

#### Losses

|             | (1)      | (2)         | (3)      | (4)     | (5)        | (6)           |
|-------------|----------|-------------|----------|---------|------------|---------------|
| Fiscal Year |          |             | Ultimate | Current | Projection | Trended       |
| Ending      | Incurred | Development | Incurred | Cost    | Factor     | Ultimate      |
| December    | Loss     | Factor      | Loss     | Factors | 6/15/2015  | Incurred Loss |
| 2009        | 223,015  | 1.000       | 223,015  | 1.170   | 1.080      | 281,701       |
| 2010        | 259,677  | 1.000       | 259,677  | 1.125   | 1.080      | 315,394       |
| 2011        | 552,942  | 1.000       | 552,942  | 1.082   | 1.080      | 645,753       |
| 2012        | 961,629  | 1.000       | 961,629  | 1.040   | 1.080      | 1,079,843     |
| 2013        | 450,216  | 1.005       | 452,467  | 1.000   | 1.080      | 488,548       |

### **Premiums & Loss Ratio**

|             | (7)             | (8)     | (9)        | (10)    | (11)       | (12)       | (13)       | (14)                | (15)    |
|-------------|-----------------|---------|------------|---------|------------|------------|------------|---------------------|---------|
| Fiscal Year | Earned Premiums |         |            | Current | On-Level   | Projection | Trended    | Trended<br>Ultimate |         |
|             |                 |         |            |         |            | ,          |            |                     |         |
| Ending      |                 | Onlevel | at Current | Amount  | at Current | Factor     | at Current | On-Level            |         |
| December    | Actual          | Factor  | Rate       | Factors | Amounts    | 6/15/2015  | Rate Level | Loss Ratio          | Weights |
| 2009        | 198,957         | 1.166   | 232,035    | 1.067   | 247,513    | 1.039      | 257,289    | 109.5%              | 0.05    |
| 2010        | 420,775         | 1.167   | 491,020    | 1.055   | 517,884    | 1.039      | 538,339    | 58.6%               | 0.10    |
| 2011        | 584,703         | 1.166   | 681,886    | 1.023   | 697,540    | 1.039      | 725,091    | 89.1%               | 0.20    |
| 2012        | 762,899         | 1.146   | 874,500    | 0.992   | 867,669    | 1.039      | 901,940    | 119.7%              | 0.30    |
| 2013        | 691,376         | 1.076   | 743,798    | 1.000   | 743,798    | 1.039      | 773,176    | 63.2%               | 0.35    |

### Indication

|   |                      |        |          | (24b)        |
|---|----------------------|--------|----------|--------------|
| (17) Premium Weighted Projected Loss Ra   | tio                  | 87.2%  | Accident | Earned House |
| (18) Allocated Loss Adjustment Expense as | % of Incurred Losses | 2.3%   | Year     | Years        |
| (19) Weighted Loss & ALAE Ratio           |                      | 89.1%  | 2009     | 721          |
| (20) Fixed Expense Ratio                  |                      | 10.2%  | 2010     | 1,509        |
| (21) Permissible Loss & ALAE Ratio        |                      | 65.3%  | 2011     | 2,032        |
| Variable Expense Ratio                    | 28.3%                |        | 2012     | 2,528        |
| ULAE Ratio                                | <u>6.4%</u>          |        | 2013     | 2,167        |
| Total                                     | 34.7%                |        |          |              |
| (00)                                      |                      | =0.00/ |          |              |

| (22) Indicated Change Before Credibility | 52.2% |
|--|-------|
| (23) Compliment to Credibility           | 2.4%  |
| (24) Credibility Table Value             | 0.466 |

#### (25) Indicated Statewide Rate Level Change 25.6%

| (26) Selected Statewide Rate Level Change 6.3% |
|--|
|--|

### Notes:

(2) is from Exhibit III.

(14) = (6) / (13)

 $(3) = (1) \times (2).$ 

(17) = average of (14) weighted by (15).

(4) is from Exhibit IV.

(18) is fromExhibit V.

 $(19) = (17) \times [1.000 + (18)].$ 

(5) is from Exhibit IV.

 $(6) = (3) \times (4) \times (5).$ 

(20) is fromExhibit VII, Fire.

(8) is from Exhibit II, Page 2.

(21) is from Exhibit V and Exhibit VII.

 $(9) = (7) \times (8)$ 

(10) is from Exhibit II, Page 1.

(22) = [(19) + (20)] / [(21)] - 1.

(23) is net trend, trended from the last rate change to 6/15/2015.

 $(11) = (9) \times (10)$ 

(24) = [(Total of (24b) / 41167] ^ 0.5. See Exhibit VIII.

(12) is from Exhibit II, Page 1.

 $(25) = ([(19)+(20)]/(21)-1) \times (24) + [1.000 - (24)] \times (23).$ 

 $(13) = (11) \times (12)$ 

(26) is selected by the Republic group and includes misc. coverages.

### Republic Underwriters Insurance Company Arkansas Dwelling Fire Fire

Premium Trend Development

|          | (1)       | (2)           | (3)         |
|----------|-----------|---------------|-------------|
|          | Earned    | Current Level | Average     |
| Year-Qtr | Exposures | Earned Prem   | Earned Prem |
| 2009-3   | 502       | 162,558       | 324         |
| 2009-4   | 721       | 232,035       | 322         |
| 2010-1   | 935       | 299,634       | 320         |
| 2010-2   | 1,136     | 364,385       | 321         |
| 2010-3   | 1,329     | 427,804       | 322         |
| 2010-4   | 1,509     | 491,020       | 325         |
| 2011-1   | 1,658     | 543,618       | 328         |
| 2011-2   | 1,786     | 588,928       | 330         |
| 2011-3   | 1,905     | 633,390       | 332         |
| 2011-4   | 2,032     | 681,886       | 336         |
| 2012-1   | 2,180     | 738,015       | 339         |
| 2012-2   | 2,334     | 797,803       | 342         |
| 2012-3   | 2,466     | 851,254       | 345         |
| 2012-4   | 2,528     | 874,500       | 346         |
| 2013-1   | 2,520     | 871,696       | 346         |
| 2013-2   | 2,445     | 844,528       | 345         |
| 2013-3   | 2,314     | 796,206       | 344         |
| 2013-4   | 2,167     | 743,798       | 343         |
|          | (4)       | (5)           |             |
| Average  | Average   | Premium       | Pre         |

|             | (4)         | (5)     |               |        |
|-------------|-------------|---------|---------------|--------|
| Average     | Average     | Premium | Premium Trend |        |
| Earned Date | Earned Prem | Index   | 4-point       | -1.05% |
| 7/1/2009    | 322         | 1.067   | 8-point       | 0.64%  |
| 7/1/2010    | 325         | 1.055   | 12-point      | 1.93%  |
| 7/1/2011    | 336         | 1.023   | 16-point      | 2.34%  |
| 7/1/2012    | 346         | 0.992   |               |        |
| 7/1/2013    | 343         | 1.000   | (6) Selected  | 2.00%  |
|             |             |         |               |        |

Years From Midpoint Of Latest Year's Data

(7) To 12 Months Past Renewal 1.9

(8) Premium Projection Factor 1.039

### Notes:

- (3) = (2)/(1).
- (4) from respective quarters in (3).
- (5) = Last Period of (4)/(4).
- $(8) = (1+(6))^{(7)}$

| Date of Change | Overall<br>Statewide<br>Change |
|----------------|--------------------------------|
| 08/01/08       | Initial Filing                 |
| 03/01/12       | 6.0%                           |
| 4/1/2013       | 10.0%                          |
| Fiscal Year    | Overall                        |
| Ending         | On-Level                       |
| December       | Factor                         |
| 2009           | 1.166                          |
| 2010           | 1.167                          |
| 2011           | 1.166                          |
| 2012           | 1.146                          |
| 2013           | 1.076                          |
| 2010           | 1.070                          |

State Of: Arkansas

Rolling Accident Year Selected Loss Development Factors to Ultimate (Based on Countrywide Fire data of the Republic Group as of 12/2013, excl. cats and mold)

Triangle of Incurred Losses

| Fiscal          |           |           |           |           |           |           |           |
|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Year Ending     |           |           |           |           |           |           |           |
| September       | 12        | 24        | 36        | 48        | 60        | 72        | 84        |
| 2002            | 1,137,397 | 1,146,445 | 1,105,774 | 1,105,774 | 1,105,774 | 1,105,774 | 1,105,774 |
| 2002            | 1,518,280 | 1,659,645 | 1,663,865 | 1,663,865 | 1,663,865 | 1,663,865 | 1,663,865 |
| 2004            | 988,565   | 964,588   | 964,985   | 964,985   | 964,985   | 964,985   | 964,985   |
| 2005            | 1,199,309 | 1,336,087 | 1,321,520 | 1,321,520 | 1,321,520 | 1,321,520 | 1,321,520 |
| 2006            | 1,149,892 | 1,268,706 | 1,266,644 | 1,266,644 | 1,266,644 | 1,266,644 | 1,266,644 |
| 2007            | 1,143,890 | 1,241,520 | 1,241,012 | 1,274,112 | 1,274,112 | 1,274,112 | 1,274,112 |
| 2008            | 1,681,152 | 1,639,954 | 1,658,557 | 1,658,557 | 1,576,646 | 1,576,646 | 1,277,112 |
| 2009            | 2,099,719 | 2,155,837 | 2,154,367 | 2,154,367 | 2,154,367 | 1,070,040 |           |
| 2010            | 1,643,851 | 1,777,434 | 1,778,030 | 1,778,030 | 2,104,007 |           |           |
| 2010            | 1,842,765 | 1,706,054 | 1,704,501 | 1,770,000 |           |           |           |
| 2012            | 2,231,458 | 2,162,925 | 1,704,001 |           |           |           |           |
| 2013            | 917,133   | 2,102,323 |           |           |           |           |           |
| 2010            | 317,100   |           |           |           |           |           |           |
| Triangle of Lin | k Ratios: |           |           |           |           |           |           |
| Fiscal          |           |           |           |           |           |           |           |
| Year Ending     |           |           |           |           |           |           |           |
| September       | 12:24     | 24:36     | 36:48     | 48:60     | 60:72     | 72:84     |           |
| 2002            | 1.008     | 0.965     | 1.000     | 1.000     | 1.000     | 1.000     |           |
| 2003            | 1.093     | 1.003     | 1.000     | 1.000     | 1.000     | 1.000     |           |
| 2004            | 0.976     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     |           |
| 2005            | 1.114     | 0.989     | 1.000     | 1.000     | 1.000     | 1.000     |           |
| 2006            | 1.103     | 0.998     | 1.000     | 1.000     | 1.000     | 1.000     |           |
| 2007            | 1.085     | 1.000     | 1.027     | 1.000     | 1.000     | 1.000     |           |
| 2008            | 0.975     | 1.011     | 1.000     | 0.951     | 1.000     |           |           |
| 2009            | 1.027     | 0.999     | 1.000     | 1.000     |           |           |           |
| 2010            | 1.081     | 1.000     | 1.000     |           |           |           |           |
| 2011            | 0.926     | 0.999     |           |           |           |           |           |
| 2012            | 0.969     |           |           |           |           |           |           |
| Averages        |           |           |           |           |           |           |           |
| All             | 1.032     | 0.996     | 1.003     | 0.994     | 1.000     | 1.000     |           |
| Last 3          | 0.992     | 0.999     | 1.000     | 0.984     | 1.000     | 1.000     |           |
| Last 5 xhl      | 0.990     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     |           |
|                 |           |           |           |           |           |           | "Tail"    |
|                 | 12:24     | 24:36     | 36:48     | 48:60     | 60:72     | 72:84     | 84-Ult.   |
| Selected        | 1.005     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     |
| LDF's to Ult:   | 1.005     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     | 1.000     |

# Republic Underwriters Insurance Company Arkansas Dwelling Fire

Fire

| Loss Trend De                              | evelopment                      |                  |           | Rolling Quarter Bas | sis               |           |                  |          |
|--|---------------------------------|------------------|-----------|---------------------|-------------------|-----------|------------------|----------|
|  | (1)                             | (2)              | (3)       | (4)                 | (5)               | (6)       | (7)              | (8)      |
|  | Ultimate                        | Ultimate         | Earned    | Rolling Qtr         | Rolling Qtr       |           |                  | Pure     |
| Year-Qtr                                   | Counts                          | Losses           | Exposures | Ult. Counts         | Ult. Losses       | Frequency | Severity         | Premium  |
| 2009-2                                     |                                 |                  |           |                     |                   |           |                  |          |
| 2009-3                                     | 5                               | 219,807          | 502       | 5                   | 219,807           | 0.0100    | 43,961           | 438      |
| 2009-4                                     | 0                               | 0                | 721       | 5                   | 219,807           | 0.0069    | 43,961           | 305      |
| 2010-1                                     | 0                               | 0                | 935       | 5                   | 219,807           | 0.0053    | 43,961           | 235      |
| 2010-2                                     | 1                               | 512              | 1,136     | 6                   | 220,319           | 0.0053    | 36,720           | 194      |
| 2010-3                                     | 7                               | 184,733          | 1,329     | 8                   | 185,245           | 0.0060    | 23,156           | 139      |
| 2010-4                                     | 3                               | 70,584           | 1,509     | 11                  | 255,830           | 0.0073    | 23,257           | 170      |
| 2011-1                                     | 5                               | 167,512          | 1,658     | 16                  | 423,342           | 0.0097    | 26,459           | 255      |
| 2011-2                                     | 1                               | 67,600           | 1,786     | 16                  | 490,430           | 0.0090    | 30,652           | 275      |
| 2011-3                                     | 2                               | 94,564           | 1,905     | 11                  | 400,260           | 0.0058    | 36,387           | 210      |
| 2011-4                                     | 6                               | 215,996          | 2,032     | 14                  | 545,672           | 0.0069    | 38,977           | 269      |
| 2012-1                                     | 0                               | 0                | 2,180     | 9                   | 378,160           | 0.0041    | 42,018           | 173      |
| 2012-2                                     | 4                               | 488,197          | 2,334     | 12                  | 798,757           | 0.0051    | 66,563           | 342      |
| 2012-3                                     | 4                               | 368,808          | 2,466     | 14                  | 1,073,002         | 0.0057    | 76,643           | 435      |
| 2012-4                                     | 1                               | 102,998          | 2,528     | 9                   | 960,004           | 0.0036    | 106,667          | 380      |
| 2013-1                                     | 2                               | 296,704          | 2,520     | 11                  | 1,256,708         | 0.0044    | 114,246          | 499      |
| 2013-2                                     | 2                               | 12,040           | 2,445     | 9                   | 780,551           | 0.0037    | 86,632           | 319      |
| 2013-3                                     | 0                               | 0                | 2,314     | 5                   | 411,743           | 0.0022    | 82,184           | 178      |
| 2013-4                                     | 1                               | 162,666          | 2,167     | 5                   | 471,410           | 0.0024    | 91,155           | 218      |
|  |                                 |                  |           |                     |                   |           |                  | Pure     |
|  |                                 |                  |           |                     |                   | Frequency | Severity         | Premium  |
|  |                                 |                  |           | 4-point             |                   | -93.69%   | -29.20%          | -122.90% |
|  |                                 |                  |           | 8-point             |                   | -44.05%   | 32.91%           | -11.14%  |
|  |                                 |                  |           | 12-poir             |                   | -47.44%   | 51.56%           | 4.12%    |
|  |                                 |                  |           | 16-poir             | nt                | -25.78%   | 39.11%           | 13.33%   |
|  |                                 |                  | (12)      | Selected Historical | Trend             | 0.00%     | 4.00%            | 4.00%    |
| Notes:                                     |                                 |                  | , ,       | Selected Future Tre |                   | 0.00%     | 4.00%            | 4.00%    |
| (3), (4), (5) are                          | on a four quart                 | er rolling basis |           | •                   | nt of latest year |           | 1 yr past Renewa |          |
| (6) = (4)/(3).<br>(7) = (5)/(4).           |                                 |                  | l         | Project from        | 7/1/2013          | >         | 6/15/2015        | 2.0      |
| $(8) = (6) \times (7).$<br>(9), (10), (11) | from Fast Track<br>Premium from |                  |           | (14) Loss P         | rojection Factor  |           |                  | 1.080    |

**Loss Adjustment Expense** 

### Development of Allocated Loss Adjustment Expense (ALAE) Provision as a Percent of Incurred Losses (Source of Data: Page 15)

Arkansas Data

|          | (1)      | (2)      | (3) = (2) / (1) |
|----------|----------|----------|-----------------|
| Calendar | Incurred | Incurred | ALAE            |
| Year     | Losses   | ALAE     | Percentage      |
| 2008     | 26,856   | 4,142    | 15.4%           |
| 2009     | 47,441   | 17,036   | 35.9%           |
| 2010     | 299,424  | 9,431    | 3.1%            |
| 2011     | 553,751  | 35,768   | 6.5%            |
| 2012     | 921,289  | 16,168   | 1.8%            |
| Average  |          |          | 11.8%           |

Countrywide Data

|          | (1)       | (2)      | (3) = (2) / (1) |
|----------|-----------|----------|-----------------|
| Calendar | Incurred  | Incurred | ALAE            |
| Year     | Losses    | ALAE     | Percentage      |
| 2008     | 6,555,254 | 108,194  | 1.7%            |
| 2009     | 4,357,680 | 52,260   | 1.2%            |
| 2010     | 3,151,151 | 80,386   | 2.6%            |
| 2011     | 3,334,183 | 162,448  | 4.9%            |
| 2012     | 2,847,684 | 29,381   | 1.0%            |
| Average  |           | _        | 2.3%            |

**Selected ALAE Provision as a Percent of Incurred Losses:** 

2.3%

## Development of Unallocated Loss Adjustment Expense (ULAE) Provision as a Percent of Earned Premium (Source of Data: Insurance Expense Exhibits)

Countrywide Data

| iu       |         |          |                 |
|----------|---------|----------|-----------------|
|          | (1)     | (2)      | (3) = (2) / (1) |
|          | Earned  | Incurred |                 |
| Calendar | Premium | ULAE     | ULAE            |
| Year     | (000's) | (000's)  | Percentage      |
| 2008     | 7,211   | 533      | 7.4%            |
| 2009     | 9,076   | 862      | 9.5%            |
| 2010     | 8,776   | 196      | 2.2%            |
| 2011     | 7,965   | 1,016    | 12.8%           |
| 2012     | 8,350   | 29       | 0.3%            |
| Average  |         |          | 6.4%            |

**Selected ULAE Provision as a Percent of Earned Premium:** 

6.4%

Countrywide data includes Republic Lloyds, Republic Underwriters, Southern Insurance, Republic Fire & Casualty, and Southern Underwriters

### **Republic Underwriters Insurance Company Arkansas Dwelling Fire** Fire

Permissible Loss and Loss Adjustment Expense Ratio

| Expenses  | 2010    | 2011    | 2012    | Selected |
|---|---------|---------|---------|----------|
| Fixed   |         |         |         |          |
| General Expense <sup>1</sup> :                    | 6.5%    | 5.0%    | 5.8%    | 5.8%     |
| Other Acquisition <sup>1</sup> :                  | 6.9%    | 5.1%    | 6.0%    | 6.0%     |
| Policy Fees Received <sup>2</sup> :               | (1.2%)  | (2.1%)  | (1.8%)  | (1.7%)   |
|   | , ,     | , ,     | ,       | , ,      |
| Total Fixed Expenses :                            | 12.2%   | 8.0%    | 10.1%   | 10.1%    |
|   | 100     | -0.4-00 |         |          |
| AR Dwelling Fire Earned Premium                   | 420,775 | 584,703 | 762,899 |          |
| Fixed Expense \$ Amount                           | 51,428  | 46,611  | 76,932  |          |
| Fixed Expense Trend @ 4% Annual                   | 1.215   | 1.168   | 1.123   |          |
| Trended Fixed Expenses                            | 62,476  | 54,447  | 86,398  | 78,833   |
| •   |         |         |         |          |
| AR DF Projected Earned Premium                    | 491,020 | 681,886 | 874,500 | 773,176  |
| Due: Fixed Francisco of Or of Decesions           | 40.70/  | 0.00/   | 0.00/   | 40.00/   |
| Proj. Fixed Expense as % of Premium               | 12.7%   | 8.0%    | 9.9%    | 10.2%    |
|   |         |         |         |          |
|   |         |         |         |          |
|   |         |         |         |          |
| Variable  |         |         |         |          |
| Commission and Brokerage <sup>3</sup> :           | 17.7%   | 17.5%   | 16.0%   | 16.0%    |
| Taxes, Licenses, and Fees <sup>3</sup> :          | 3.2%    | 3.8%    | 3.8%    | 3.8%     |
| Profit and Contingencies Provision <sup>4</sup> : |         |         |         | 8.5%     |
|   |         |         |         |          |
| Total Variable Expenses :                         | 29.4%   | 29.8%   | 28.3%   | 28.3%    |
| ,   |         |         |         |          |
| Total Expense Provision :                         | 42.1%   | 37.8%   | 38.2%   | 38.5%    |
|   |         |         |         |          |
| Permissible Loss & LAE Ratio :                    |         |         |         | 61.5%    |
| Variable Expanse Patie :                          |         |         |         |          |
| Variable Expense Ratio :                          |         |         |         | 28.3%    |

<sup>&</sup>lt;sup>1</sup> Insurance Expense Exhibit, Part III; as a percent of Earned Premium Other Acquisition: Insurance Expense Exhibit, Part III; as a percent of Written Premium

as a percent of Earned Premium

Annual Statement, Page 15, State of Arkansas; as a percent of Written Premium

<sup>&</sup>lt;sup>4</sup> Exhibit IX, Page 1

# Republic Underwriters Insurance Company Arkansas Dwelling Fire Fire

Assignment of Credibility

|      | Fiscal Year<br>Ending September                                  |       |  |  |  |
|------|--|-------|--|--|--|
| 2009 | <del>-</del>   | 721   |  |  |  |
| 201  | 0  | 1,509 |  |  |  |
| 201  | 1  | 2,032 |  |  |  |
| 201  | 2  | 2,528 |  |  |  |
| 201  | 3  | 2,167 |  |  |  |
| (1)  | Total Earned House-Years :                                       | 8,956 |  |  |  |
| (2)  | Claim Standard for Full Credibility <sup>1</sup> :               | 1,082 |  |  |  |
| (3)  | Assigned Credibility ((1) / (5)) <sup>^-U.5</sup> , maximum 100% | 46.6% |  |  |  |

Frequency only; within 5% with 90% confidence
 Selected Republic Underwriters EC credibility standard

Calculation of After-tax Return on Surplus

After-tax Return on Equity = After-tax return on surplus

- + (Premium /Surplus) x After-tax Return on Reserves
- + (1-tax rate) X (Premium / Surplus) X (targeted pre-tax underwriting profit)

| (1) After-Tax return on investment earnings | 1.5%  |
|---|-------|
| (2) Tax rate                                | 35.0% |
| (3) Premium / surplus ratio                 | 1.7   |
| (4) Return on reserves, after tax           | 0.6%  |
| (5) Targeted pre-tax underwriting profit    | 8.5%  |
| (6) After-Tax Return on Surplus             | 12.0% |
| (4) (5) (4) (6) (5)                         |       |

<sup>(1) + (3)</sup>x(4) + [(1-(2)) x (3)x(5)]

Exhibit IX Page 2 Fire

## Estimated Investment Earnings On Loss & Loss Adjustment Expense Reserves

| 1. | Loss and Loss Adjustment Expense Reserves as of December 31, 2011 (a)                        | \$17,367,216 |
|----|--|--------------|
| 2. | Loss and Loss Adjustment Expense Reserves as of December 31, 2012 (a)                        | \$14,580,838 |
| 3. | Mean Loss and Loss Adjustment Expense Reserves [ (1) + (2) ] / 2                             | \$15,974,027 |
| 4. | Actual Incurred Loss and Loss Adjustment Expenses (b), (d) [ 1.0929 x 48,835,938 ]           | \$53,372,797 |
| 5. | Average period \$1.00 of Loss and LAE remains in reserves (in years) [(3) / (4)]             | 0.299        |
| 6. | Average Rate of Return on Invested Income (c)  | 1.52%        |
| 7. | Expected investment earnings on \$1.00 of Loss and LAE while in reserves [ (1+(6))^(5) - 1 ] | \$0.0045     |
| 8. | Expected Loss and LAE Ratio = (1.000 - Expense Ratio) (e)                                    | 61.5%        |
| 9. | Estimated Investment Earnings as a percentage of Net Earned Premium [ (7) * (8) ]            | 0.28%        |
|    |  |              |

- a. Source: Annual Statement, Part 3a, Column 5 + Column 6, Line 4
- b. Source: Annual Statement, Part 3, Column 7, Line 4
- c. Source: Exhibit IX, Page 4
- d. Sources: LAE factor, from the 2012 year-end D.O. Statement
- e. Source: Exhibit VIII, Page 1

### **Estimated Investment Earnings On Unearned Premium Reserves**

|     |   | (h)         |               |             |
|-----|---|-------------|---------------|-------------|
|     |   | Installment | Prepaid       | Total       |
| 1.  | Homeowners Unearned Premium Reserve as of December 31, 2011 (a)     | 51,277,112  | 11,126,401    | 62,403,513  |
| 2.  | Homeowners Unearned Premium Reserve as of December 31, 2012 (a)     | 47,477,499  | 10,365,394    | 57,842,893  |
| 3.  | Mean Homeowners Unearned Premium Reserve [{(1)+(2)}/2]              | 49,377,306  | 10,745,898    | 60,123,203  |
| 4.  | Reduction Due to Booking Installment as Full (b)                    | 23,404,843  | XXXXXXXX      | 23,404,843  |
| 5.  | Net Mean Homeowners Unearned Premium Reserve                        | 25,972,463  | 10,745,898    | 36,718,360  |
| 6.  | Percentage of Prepaid Expenses (c)                                  |             |               |             |
|     | (A) Commissions and Brokerages (/W.P.) 16.0%                        |             |               |             |
|     | (B) Taxes, Licenses, & Fees (/W.P.) 3.8%                            |             |               |             |
|     | (C) 50% of Other Acq. & Gen. Expense (/E.P.) 5.9%                   |             |               |             |
|     | (D) Total Prepaid Expenses [(A)+(B)+(C)]                            |             |               | 25.7%       |
| 7.  | Agents' balances as of December 31, 2011 (d)                        |             |               | 87,779,260  |
| 8.  | Agents' balances as of December 31, 2012 (d)                        |             |               | 82,695,936  |
| 9.  | Mean Agents' Balances [{(7)+(8)}/2]                                 |             |               | 85,237,598  |
| 10. | All lines Net Earned Premium for 2012 (e)                           |             |               | 328,728,100 |
| 11. | Factor Representing Delayed Remission of Premium [(9)/(10)]         |             |               | 0.259       |
| 12. | Net Mean Homeowners Unearned Premiums Subject to Investment         |             |               |             |
|     | [(5)x{1.0-(6D)}x{1.0-(11)}]   |             |               | 20,215,771  |
| 13. | Average Rate-of-Return on Investible Income (f)                     |             |               | 1.52%       |
| 14. | Estimated Investment Earnings on Unearned Premium Reserves [(12)x(1 | 3)]         |               | 307,709     |
| 15. | Homeowners Net Earned Premium for 2012 (g)                          |             |               | 93,090,876  |
| 16. | Estimated Investment Earnings as a Percentage of Homeowners Net Ear | ned Premium | s [(14)/(15)] | 0.33%       |

- a) A. S., Part 2, Line 4, Columns 2 & 3
- b) Installment Plan calls for 25% due on Effective Date, payments thereafter in the 3rd, 5th 7th, & 9th months. By comparison, it can be shown that the average monthly unearned premium reserve on the installment plan is 28.47% of the written, while that on the prepaid basis is 54.17%. Hence, a reduction in the unearned premium reserve of 47.4% is appropriate on installment business [(54.17-28.47)/54.17].
- c) See Exhibit VII, Fire
- d) A. S., Page 2, Line 13.1 + Line 13.2
- e) A. S., Part 2, Column 4, Line 32
- f) Exhibit IX, Page 4
- g) A. S., Part 2, Column 4, Line 4

### Republic Underwriters Insurance Company Arkansas Dwelling Fire Fire Calculation of After-Tax Investment Rate of Return

| Investment Income Calendar Year 2012 (2012 AS)   | Southern      | Republic-<br>Vanguard | Republic<br>Underwriters | Republic<br>Lloyds       | Southern<br>Underwriters | Republic<br>Fire & Cas. | Southern<br>Cnty Mutual | Grand Total             |     |
|--|---------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-----|
| <ul><li>(1) Net Investment Income (Page 12, Line 17)</li><li>(2) Common stock of affiliates (Page 12, Col. 1, Line 2.21)</li></ul>   | 907,281       | 486,593<br>0          | 17,308,057<br>5,973,400  | 96,870<br>0              | 128,472<br>0             | 164,595<br>0            | 0                       | 19,091,868<br>5,973,400 | (4) |
| (3) Net Investment Income after consolidation (1) - (2)  | 907,281       | 486,593               | 11,334,657               | 96,870                   | 128,472                  | 164,595                 | 0                       | 13,118,468              | (A) |
| Capital Gains Calendar Year 2011 (2011 AS)  (4) Net Realized Capital Gains after Tax (Page 4, Line 10, Col. 1)  (5) Net Unrealized Capital Gains after Tax (Page 4, Line 24, Col. 1) | 11,156<br>825 | 78,178<br>0           | 5,450,246<br>561.160     | 8,186<br>0               | 82,412<br>0              | 18,469<br>0             | 22,950<br>1,250         | 5,671,597<br>563,235    |     |
| (6) Total Net Capital Gains after Tax (7) + (8)  | 11,981        | 78,178                | 6,011,406                | 8,186                    | 82,412                   | 18,469                  | 24,200                  | 6,234,832               | (B) |
| Ourital Outra Outra law Vary 0040 (0040 40)  |               |                       |                          |                          |                          |                         |                         |                         |     |
| Capital Gains Calendar Year 2012 (2012 AS) (7) Net Realized Capital Gains after Tax (Page 4, Line 10, Col. 1)  | 899,537       | 711,743               | 14,164,637               | 21,694                   | 245,953                  | 296,412                 | 1,365,089               | 17,705,065              |     |
| (8) Net Unrealized Capital Gains after Tax (Page 4, Line 24, Col. 1)   | 0             | 0                     | -849,658                 | 0                        | 0                        | 0                       | 0                       | -849,658                |     |
| (9) Total Net Capital Gains after Tax .(7) + (8)   | 899,537       | 711,743               | 13,314,979               | 21,694                   | 245,953                  | 296,412                 | 1,365,089               | 16,855,407              | (C) |
| Invested Assets as of 12/31/2011 (2011 AS)   |               |                       |                          |                          |                          |                         |                         |                         |     |
| (10) Total Invested Assets (Page 2, Line 12, Col 3)  | 49,637,752    | 23,321,076            | 523,103,885              | 12,677,213               | 5,507,508                | 8,602,313               | 31,841,867              | 654,691,614             |     |
| (11) Value of consolidated affiliates (Page S104, Line 24, Col 2 - SchD)   | 0             | 0                     | 91,216,844               | 0                        | 0                        | 0                       | 0                       | 91,216,844              |     |
| (12) Net invested assets after consolidation (13) - (14)   | 49,637,752    | 23,321,076            | 431,887,041              | 12,677,213               | 5,507,508                | 8,602,313               | 31,841,867              | 563,474,770             | (D) |
| Invested Assets as of 12/31/2012 (2012 AS)   |               |                       |                          |                          |                          |                         |                         |                         |     |
| (13) Total Invested Assets (Page 2, Line 12, Col 3)  | 39,852,208    | 24,450,075            | 524,716,224              | 12,025,812               | 5,477,822                | 8,339,982               | 32,002,095              | 646,864,218             |     |
| (14) Value of consolidated affiliates (Page SI04, Line 24, Col 2 - SchD)   | 0             | 0                     | 89,929,483               | 0                        | 0                        | 0                       | 0                       | 89,929,483              |     |
| (15) Net invested assets after consolidation (13) - (14)   | 39,852,208    | 24,450,075            | 434,786,741              | 12,025,812               | 5,477,822                | 8,339,982               | 32,002,095              | 556,934,735             | (E) |
|  |               |                       |                          |                          |                          |                         |                         |                         |     |
| Capital Gains Rate of Return (After-Tax):  |               | 2.06%                 | (                        | (F)=((B)+(C))            | / ((D)+(E))              |                         |                         |                         |     |
| Investment Income Rate of Return (Pre-Tax): Effective Tax-Rate in Investment Earnings:   |               | 2.34%<br>0.35         |                          | (G) = (A) / (Av<br>(H)   | /g ((D) , (E)))          |                         |                         |                         |     |
| Rate of Return (After-Tax) on Investment I   | ncome:        | 1.52%                 | 1                        | $(I) = (G) \times (1.0)$ | 000 - (H))               |                         |                         |                         |     |

### Notes:

Item (1) is net of investment expenses.

Items (5) and (8) are valued at Market.

This is appropriate as this is how these items are carried in (4) and (7) respectively.

Data as of: Dec-13

Proposed Effective Dates

New: 5/15/2014 Renewal: 6/15/2014

### **Republic Group Of Insurance Companies**

| _ | <br> |
|---|------|
|   |      |
|   |      |

|             | (1)      | (2)         | (3)         | (4)          | (5)     | (6)        | (7)           |
|-------------|----------|-------------|-------------|--------------|---------|------------|---------------|
| Fiscal Year | Non-Cat  |             |             | Ultimate     | Current | Projection | Trended       |
| Ending      | Incurred | Catastrophe | Development | Non-Hurr     | Cost    | Factor     | Ultimate      |
| December    | Loss     | Loss        | Factor      | Cat Adjusted | Factors | 6/15/2015  | Incurred Loss |
| 2009        | 99,955   | 67,192      | 1.000       | 189,955      | 1.000   | 1.039      | 197,458       |
| 2010        | 149,776  | 75,920      | 1.000       | 284,635      | 1.000   | 1.039      | 295,877       |
| 2011        | 214,134  | 728,482     | 1.005       | 408,975      | 1.000   | 1.039      | 425,129       |
| 2012        | 420,597  | 220,706     | 1.015       | 811,332      | 1.000   | 1.039      | 843,377       |
| 2013        | 357,310  | 7,107       | 1.106       | 751,285      | 1.000   | 1.039      | 780,959       |

### **Premiums & Loss Ratio**

|             | (8)                    | (9)     | (10)       | (11)    | (12)       | (13)       | (14)       | (15)       | (16)    |
|-------------|------------------------|---------|------------|---------|------------|------------|------------|------------|---------|
|             | <b>Earned Premiums</b> |         |            |         |            |            |            | Trended    |         |
| Fiscal Year | ·                      |         |            | Current | On-Level   | Projection | Trended    | Ultimate   |         |
| Ending      |                        | Onlevel | at Current | Amount  | at Current | Factor     | at Current | On-Level   |         |
| December    | Actual                 | Factor  | Rate       | Factors | Amounts    | 6/15/2015  | Rate Level | Loss Ratio | Weights |
| 2009        | 170,784                | 1.812   | 309,480    | 1.073   | 332,136    | 1.030      | 341,957    | 57.7%      | 0.05    |
| 2010        | 369,911                | 1.813   | 670,777    | 1.036   | 694,863    | 1.030      | 715,411    | 41.4%      | 0.10    |
| 2011        | 508,895                | 1.814   | 922,881    | 1.014   | 935,914    | 1.030      | 963,590    | 44.1%      | 0.20    |
| 2012        | 712,637                | 1.658   | 1,181,290  | 0.986   | 1,164,183  | 1.030      | 1,198,609  | 70.4%      | 0.30    |
| 2013        | 809.479                | 1.233   | 998.019    | 1.000   | 998.019    | 1.030      | 1.027.532  | 76.0%      | 0.35    |

#### Indication

|   |                         |       |          | (23b)        |
|---|-------------------------|-------|----------|--------------|
| (17) Premium Weighted Projected Loss R    | atio                    | 63.6% | Accident | Earned House |
| (18) Allocated Loss Adjustment Expense a  | as % of Incurred Losses | 1.5%  | Year     | Years        |
| (19) Weighted Loss & ALAE Ratio           |                         | 64.5% | 2009     | 721          |
| (20) Fixed Expense Ratio                  |                         | 6.7%  | 2010     | 1,509        |
| (21) Permissible Loss & ALAE Ratio        |                         | 60.2% | 2011     | 2,032        |
| Variable Expense Ratio                    | 31.7%                   |       | 2012     | 2,528        |
| ULAE Ratio                                | <u>8.1%</u>             |       | 2013     | 2,167        |
| Total                                     | 39.8%                   |       |          |              |
| (22) Indicated Rate Change before Credibi | lity                    | 18.2% |          |              |
| (23) Compliment to Credibility            |                         | 0.6%  |          |              |
| (24) Credibility Table Value              |                         | 0.466 |          |              |

| (26) Selected Statewide Rate Level Change | 5.7% |
|---|------|

### Notes:

(3) is from Exhibit III.

 $(4) = (1) \times (3) \times \text{Cat Factor of 1.900.}$  (see Exhibit VI, EC)

(25) Indicated Statewide Rate Level Change

(5) is from Exhibit IV.

(6) is from Exhibit IV.

 $(7) = (4) \times (5) \times (6)$ .

(9) is from Exhibit II, Page 2.

 $(10) = (8) \times (9).$ 

(11) is from Exhibit II, Page 1.

 $(12) = (10) \times (11).$ 

(13) is from Exhibit II, Page 1.

 $(14) = (12) \times (13).$ 

(15) = (7) / (14).

(17) = average of (15) weighted by (16).

(18) is from Exhibit V.

8.8%

 $(19) = (17) \times [1.000 + (18)].$ 

(20) is from Exhibit VII, Page 1.

(21) is from Exhibit V and Exhibit VII.

(22) = [(19) + (20)] / [(21)] - 1.

(23) is net trend, trended from the last rate change to 6/15/2015.

(24) = [(Total of (23b) / 41167] ^ 0.5. See Exhibit VIII.

 $(25) = (22) \times (24) + [1.000 - (24)] \times (23).$ 

(26) is selected by the Republic group and includes misc. coverages.

### Premium Trend Development

| Rolling 4 ( | Quarter | Basis |
|-------------|---------|-------|
|-------------|---------|-------|

|             |             |               | 3.0.0       |
|-------------|-------------|---------------|-------------|
|             | (1)         | (2)           | (3)         |
|             | Earned      | Current Level | Average     |
| Year-Qtr    | Exposures   | Earned Prem   | Earned Prem |
| 2010-3      | 1,329       | 583,186       | 439         |
| 2010-4      | 1,509       | 670,777       | 445         |
| 2011-1      | 1,658       | 742,839       | 448         |
| 2011-2      | 1,786       | 803,793       | 450         |
| 2011-3      | 1,905       | 861,923       | 452         |
| 2011-4      | 2,032       | 922,881       | 454         |
| 2012-1      | 2,180       | 994,198       | 456         |
| 2012-2      | 2,334       | 1,073,562     | 460         |
| 2012-3      | 2,466       | 1,145,338     | 464         |
| 2012-4      | 2,528       | 1,181,290     | 467         |
| 2013-1      | 2,520       | 1,179,579     | 468         |
| 2013-2      | 2,445       | 1,140,485     | 466         |
| 2013-3      | 2,314       | 1,072,669     | 464         |
| 2013-4      | 2,167       | 998,019       | 461         |
|             | (4)         | (5)           |             |
| Average     | Average     | Premium       |             |
| Earned Date | Earned Prem | Index         | Prei        |
| 7/1/2009    | 429         | 1.073         | 4-pc        |
| ., ., _ 500 | 120         | 1.070         | - PC        |

| Average     | Average     | Premium |               |        |
|-------------|-------------|---------|---------------|--------|
| Earned Date | Earned Prem | Index   | Premium Trend |        |
| 7/1/2009    | 429         | 1.073   | 4-point       | -2.16% |
| 7/1/2010    | 445         | 1.036   | 8-point       | 0.59%  |
| 7/1/2011    | 454         | 1.014   | 12-point      | 1.42%  |
| 7/1/2012    | 467         | 0.986   | 16-point      | 2.07%  |
| 7/1/2013    | 461         | 1.000   | •             |        |
|             |             |         | (6) Selected  | 1.50%  |

(6) Selected

2.0

(7) To 12 Months Past Renewal (8) Premium Projection Factor

Years From Midpoint Of Latest Year's Data

1.030

Notes:

<sup>(3) = (2)/(1).</sup> 

<sup>(4)</sup> from respective quarters in (3).

<sup>(5)</sup> = Last Period of (4)/(4).

 $<sup>(8) = (1+(6))^{(7)}</sup>$ 

## Republic Underwriters Insurance Company Arkansas Dwelling Fire Extended Coverage Rate History

Exhibit II Page 2 EC

|                | Overall        |
|----------------|----------------|
|                | Statewide      |
| Date of Change | Change         |
| 08/01/08       | Initial Filing |
| 03/01/12       | 39.4%          |
| 04/01/13       | 30.0%          |

| Fiscal Year | Overall  |
|-------------|----------|
| Ending      | On-Level |
| December    | Factor   |
| 2009        | 1.812    |
| 2010        | 1.813    |
| 2011        | 1.814    |
| 2012        | 1.658    |
| 2013        | 1.233    |
|             |          |

Rolling Accident Year Selected Loss Development Factors to Ultimate (Based on Countrywide Fire data of the Republic Group as of 12/2013, excl. cats and mold)

### Triangle of Incurred Losses

| Triangle of Inci | urred Losses |           |           |           |           |           |           |
|------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Fiscal           |              |           |           |           |           |           |           |
| Year Ending      |              |           |           |           |           |           |           |
| September        | 12           | 24        | 36        | 48        | 60        | 72        | 84        |
| 2002             | 1,999,914    | 2,201,676 | 2,213,977 | 2,209,587 | 2,233,902 | 2,235,136 | 2,235,136 |
| 2003             | 1,603,688    | 1,815,005 | 1,824,117 | 1,826,418 | 1,877,236 | 1,877,236 | 1,877,236 |
| 2004             | 2,389,436    | 2,774,521 | 2,783,893 | 2,782,748 | 2,788,732 | 2,793,151 | 2,803,212 |
| 2005             | 1,682,135    | 1,651,039 | 1,646,915 | 1,650,243 | 1,675,243 | 1,675,243 | 1,675,243 |
| 2006             | 1,800,990    | 2,043,888 | 2,052,812 | 2,055,652 | 2,064,628 | 2,072,435 | 2,073,573 |
| 2007             | 1,823,337    | 1,819,078 | 1,832,905 | 1,823,279 | 1,823,279 | 1,823,279 | 1,823,279 |
| 2008             | 1,843,237    | 2,258,996 | 2,219,821 | 2,241,927 | 2,246,191 | 2,249,251 |           |
| 2009             | 3,476,412    | 3,934,669 | 3,984,117 | 3,956,223 | 4,004,306 |           |           |
| 2010             | 2,559,078    | 2,804,221 | 2,808,906 | 2,850,113 |           |           |           |
| 2011             | 2,682,712    | 2,701,297 | 2,784,920 |           |           |           |           |
| 2012             | 2,480,479    | 2,609,106 |           |           |           |           |           |
| 2013             | 3,123,843    |           |           |           |           |           |           |
| Triangle of Linl | k Ratios:    |           |           |           |           |           |           |
| Fiscal           |              |           |           |           |           |           |           |
| Year Ending      |              |           |           |           |           |           |           |
| September        | 12:24        | 24:36     | 36:48     | 48:60     | 60:72     | 72:84     |           |
| 2002             | 1.101        | 1.006     | 0.998     | 1.011     | 1.001     | 1.000     |           |
| 2003             | 1.132        | 1.005     | 1.001     | 1.028     | 1.000     | 1.000     |           |
| 2004             | 1.161        | 1.003     | 1.000     | 1.002     | 1.002     | 1.004     |           |
| 2005             | 0.982        | 0.998     | 1.002     | 1.015     | 1.000     | 1.000     |           |
| 2006             | 1.135        | 1.004     | 1.001     | 1.004     | 1.004     | 1.001     |           |
| 2007             | 0.998        | 1.008     | 0.995     | 1.000     | 1.000     | 1.000     |           |
| 2008             | 1.226        | 0.983     | 1.010     | 1.002     | 1.001     |           |           |
| 2009             | 1.132        | 1.013     | 0.993     | 1.012     |           |           |           |
| 2010             | 1.096        | 1.002     | 1.015     |           |           |           |           |
| 2011             | 1.007        | 1.031     |           |           |           |           |           |
| 2012             | 1.052        |           |           |           |           |           |           |
| Averages         |              |           |           |           |           |           |           |
| Total            | 1.093        | 1.005     | 1.002     | 1.009     | 1.001     | 1.001     |           |
| Last 3           | 1.052        | 1.015     | 1.006     | 1.005     | 1.002     | 1.000     |           |
| Last 5 xhl       | 1.093        | 1.008     | 1.002     | 1.006     | 1.001     | 1.000     |           |
|                  |              |           |           |           |           |           | "Tail"    |
|                  | 12:24        | 24:36     | 36:48     | 48:60     | 60:72     | 72:84     | 84-Ult.   |
| Selected         | 1.090        | 1.010     | 1.005     | 1.000     | 1.000     | 1.000     | 1.000     |
| LDF              | 1.106        | 1.015     | 1.005     | 1.000     | 1.000     | 1.000     | 1.000     |

| Loss Trend Development   |          |                             | Rolling Quarter Basis |                      |              |                   |          |         |
|--|----------|-----------------------------|-----------------------|----------------------|--------------|-------------------|----------|---------|
|  | (1)      | (2)                         | (3)                   | (4)                  | (5)          | (6)               | (7)      | (8)     |
|  | Ultimate | Ultimate                    | Earned                | Ultimate             | Ultimate     | _                 |          | Pure    |
| Year-Qtr   | Counts   | Losses                      | Exposures             | Counts               | Losses       | Frequency         | Severity | Premium |
| 2010-3   | 7        | 46,029                      | 1,329                 | 18                   | 80,124       | 0.0135            | 4,451    | 60      |
| 2010-4   | 19       | 91,949                      | 1,509                 | 32                   | 149,776      | 0.0212            | 4,681    | 99      |
| 2011-1   | 15       | 42,841                      | 1,658                 | 44                   | 186,994      | 0.0265            | 4,250    | 113     |
| 2011-2   | 15       | 82,751                      | 1,786                 | 56                   | 263,570      | 0.0314            | 4,707    | 148     |
| 2011-3   | 7        | 36,286                      | 1,905                 | 56                   | 253,826      | 0.0294            | 4,533    | 133     |
| 2011-4   | 13       | 52,257                      | 2,032                 | 50                   | 214,134      | 0.0246            | 4,283    | 105     |
| 2012-1   | 13       | 76,602                      | 2,180                 | 48                   | 247,895      | 0.0220            | 5,164    | 114     |
| 2012-2   | 11       | 72,521                      | 2,334                 | 44                   | 237,664      | 0.0189            | 5,401    | 102     |
| 2012-3   | 32       | 184,618                     | 2,466                 | 69                   | 385,997      | 0.0280            | 5,589    | 157     |
| 2012-4   | 24       | 86,857                      | 2,528                 | 80                   | 420,597      | 0.0317            | 5,242    | 166     |
| 2013-1   | 16       | 56,052                      | 2,520                 | 84                   | 400,048      | 0.0331            | 4,791    | 159     |
| 2013-2   | 30       | 142,775                     | 2,445                 | 102                  | 470,302      | 0.0418            | 4,597    | 192     |
| 2013-3   | 13       | 126,779                     | 2,314                 | 83                   | 412,463      | 0.0358            | 4,974    | 178     |
| 2013-4   | 2        | 41,848                      | 2,167                 | 61                   | 367,455      | 0.0282            | 6,005    | 170     |
|  |          |                             |                       |                      |              |                   |          | Pure    |
|  |          |                             |                       |                      |              | Frequency         | Severity | Premium |
|  |          |                             |                       |                      | 4-point      | -25.35%           | 30.25%   | 4.90%   |
|  |          |                             |                       |                      | 8-point      | 29.54%            | -0.16%   | 29.38%  |
|  |          |                             |                       |                      | 12-point     | 10.26%            | 7.05%    | 17.31%  |
|  |          |                             |                       |                      | 16-point     | 15.89%            | 7.49%    | 23.39%  |
|  |          |                             | (12) <b>S</b> e       | elected Histo        | orical Trend | 0.00%             | 0.00%    | 0.00%   |
|  |          |                             | (13) <b>S</b>         | elected Futu         | ıre Trend    | 0.00%             | 2.00%    | 2.00%   |
| Notes: (3), (4), (5) are on a four quarter rolling basis.  |          | \$                          |                       | Midpoint of latest y | rear         | 1 yr past Renewal |          |         |
| (6) = (4)/(3). $(7) = (5)/(4).$  |          |                             | roject from           | 7/1/2013             | >            | 6/15/2015         | 2.0 yrs. |         |
|  |          | (14) Loss Projection Factor |                       |                      |              | 1.039             |          |         |
| (8) = (6) x (7).<br>(9), (10), (11) from Fast Track Circular.<br>(14) = (1+Pure Premium from (13))^2 |          |                             | (14)                  | LOSS FIOJECTION FA   | CiOi         |                   | 1.039    |         |

# Development of Allocated Loss Adjustment Expense (ALAE) Provision as a Percent of Incurred Losses (Source of Data: Page 15)

Arkansas Data

|          | (1)       | (2)      | (3) = (2) / (1) |
|----------|-----------|----------|-----------------|
| Calendar | Incurred  | Incurred | ALAE            |
| Year     | Losses    | ALAE     | Percentage      |
| 2008     | 2,811     | 184      | 6.5%            |
| 2009     | 425,657   | 12,265   | 2.9%            |
| 2010     | 227,730   | -530     | -0.2%           |
| 2011     | 1,115,957 | 28,091   | 2.5%            |
| 2012     | 702,404   | 8,020    | 1.1%            |
| Average  |           |          | 1 6%            |

Countrywide Data

|          | (1)        | (2)       | (3) = (2) / (1) |
|----------|------------|-----------|-----------------|
| Calendar | Incurred   | Incurred  | ALAE            |
| Year     | Losses     | ALAE      | Percentage      |
| 2008     | 36,020,911 | 1,275,065 | 3.5%            |
| 2009     | 17,703,400 | -216,566  | -1.2%           |
| 2010     | 13,308,272 | 242,112   | 1.8%            |
| 2011     | 12,519,357 | 258,298   | 2.1%            |
| 2012     | 8,333,880  | 79,405    | 1.0%            |
| Average  |            |           | 1.4%            |

**Selected ALAE Provision as a Percent of Incurred Losses:** 

1.5%

# Development of Unallocated Loss Adjustment Expense (ULAE) Provision as a Percent of Earned Premium (Source of Data: Insurance Expense Exhibits)

Countrywide Data

|          | (1)     | (2)      | (3) = (2) / (1) |
|----------|---------|----------|-----------------|
|          | Earned  | Incurred |                 |
| Calendar | Premium | ULAE     | ULAE            |
| Year     | (000's) | (000's)  | Percentage      |
| 2008     | 26,099  | 4,429    | 17.0%           |
| 2009     | 27,542  | 2,328    | 8.5%            |
| 2010     | 30,114  | 2,066    | 6.9%            |
| 2011     | 30,451  | 1,770    | 5.8%            |
| 2012     | 26,738  | 606      | 2.3%            |
| Average  |         |          | 8.1%            |

Selected ULAE Provision as a Percent of Earned Premium:

8.1%

Countrywide data includes Republic Lloyds, Republic Underwriters, Southern Insurance, Republic Fire & Casualty, and Southern Underwriters

**Arkansas Extended Coverage** 

| E                       | <b>5</b> . 0  | F . O         |               |
|-------------------------|---------------|---------------|---------------|
| Fiscal                  | Ext. Coverage | Ext. Coverage | Ext. Coverage |
| Year                    | Non-Cat       | Non-Hurricane | Non-Hurricane |
| Ending                  | Ultimate      | Catastrophe   | Catastrophe   |
| September               | Inc Loss      | Ult Inc Loss  | Factor        |
| 2009                    | 289,239       | 68,105        | 1.236         |
| 2010                    | 149,773       | 78,418        | 1.524         |
| 2011                    | 262,839       | 737,199       | 3.805         |
| 2012                    | 420,591       | 239,784       | 1.570         |
| 2013                    | 367,449       | 8,248         | 1.022         |
| Total                   | 1,489,891     | 1,131,753     | 1.760         |
| Straight Avera          | ae            |               | 1.831         |
| Weighted Ave            |               |               | 1.760         |
| otad Catastropho Easter |               |               | 1 000         |

Selected Catastrophe Factor: 1.900

| scal Year |  |
|-----------|--|
|           |  |
|           |  |

| Ending   | Incurred       | Incurred   | Cat    |
|----------|----------------|------------|--------|
| December | Non-Cat Losses | Cat Losses | Factor |
| 1992     | 61,505         | 94,396     | 2.535  |
| 1993     | 171,188        | 133,087    | 1.777  |
| 1994     | 310,938        | 21,186     | 1.068  |
| 1995     | 385,967        | 87,763     | 1.227  |
| 1996     | 280,475        | 102,486    | 1.365  |
| 1997     | 333,434        | -          | 1.000  |
| 1998     | 177,117        | 44,157     | 1.249  |
| 1999     | 207,667        | 237,676    | 2.145  |
| 2000     | 192,039        | 66,105     | 1.344  |
| 2001     | 136,712        | 80,134     | 1.586  |
| 2002     | 195,858        | 28,225     | 1.144  |
| 2003     | 203,856        | 408,216    | 3.003  |
| 2004     | 255,012        | 184,253    | 1.723  |
| 2005     | 153,856        | 260,979    | 2.696  |
| 2006     | 356,500        | 113,891    | 1.320  |
| 2007     | 329,433        | 550,737    | 2.672  |
| 2008     | 284,755        | 1,317,111  | 5.625  |
| 2009     | 449,661        | 253,691    | 1.564  |
| 2010     | 333,114        | 458,796    | 2.377  |
| 2011     | 321,726        | 496,777    | 2.544  |
| 2012     | 416,494        | 947,980    | 3.276  |
| 2013     | 388,049        | 2,797,681  | 8.210  |
| Total    | 5,945,356      | 8,685,327  | 2.461  |

All Year Average: 2.339
10 Year Average: 3.201
10 Year Average xhl: 2.810
Selected Factor: 2.339

## Republic Underwriters Insurance Company Arkansas Dwelling Fire Extended Coverage

Permissible Loss and Loss Adjustment Expense Ratio

| Expenses  | 2010          | 2011          | 2012          | Selected                      |
|---|---------------|---------------|---------------|-------------------------------|
| Fixed   |               |               |               |                               |
| General Expense <sup>1</sup> :  | 6.5%          | 5.0%          | 5.8%          | 5.8%                          |
| Other Acquisition <sup>1</sup> :  | 6.9%          | 5.1%          | 6.1%          | 6.0%                          |
| Policy Fees Received <sup>2</sup> :   | (1.3%)        | (2.3%)        | (1.8%)        | (1.8%)                        |
| Total Fixed Expenses :  | 12.1%         | 7.8%          | 10.1%         | 10.0%                         |
| AR Dwelling Fire EC Earned Premium  | 369,911       | 508,895       | 712,637       |                               |
| Fixed Expense \$ Amount   | 44,838        | 39,552        | 71,865        |                               |
| Fixed Expense Trend @ 4% Annual   | 1.215         | 1.168         | 1.123         |                               |
| Trended Fixed Expenses  | 54,470        | 46,201        | 80,708        | 68,361                        |
| AR DF EC Projected Earned Premium   | 670,777       | 922,881       | 1,181,290     | 1,027,532                     |
| Proj. Fixed Expense as % of Premium   | 8.1%          | 5.0%          | 6.8%          | 6.7%                          |
| Variable Commission and Brokerage <sup>3</sup> : Taxes, Licenses, and Fees <sup>3</sup> : Profit and Contingencies Provision <sup>4</sup> : Cost of Reinsurance (2013) <sup>5</sup> | 17.4%<br>3.2% | 17.4%<br>3.9% | 16.5%<br>3.8% | 17.1%<br>3.8%<br>8.5%<br>2.3% |
| Total Variable Evenness:  | 20.10/        | 20.00/        | 20.00/        | 24 70/                        |
| Total Variable Expenses :   | 29.1%         | 29.8%         | 28.8%         | 31.7%                         |
| Total Expense Provision :   | 37.2%         | 34.8%         | 35.6%         | 38.3%                         |
| Permissible Loss & LAE Ratio :  |               |               |               | 61.7%                         |
| Variable Expense Ratio :  |               |               |               | 31.7%                         |

<sup>&</sup>lt;sup>1</sup> Insurance Expense Exhibit, Part III; as a percent of Earned Premium
Other Acquisition: Insurance Expense Exhibit, Part III; as a percent of Written Premium

<sup>&</sup>lt;sup>2</sup> as a percent of Earned Premium

<sup>&</sup>lt;sup>3</sup> Annual Statement, Page 15, State of Arkansas; as a percent of Written Premium

<sup>&</sup>lt;sup>4</sup> Exhibit IX, Page 1

<sup>&</sup>lt;sup>5</sup> Exhibit VII, Page 2

25,177

2.3%

| AR DF       |                  |                  |   |                          |  |  |  |
|-------------|------------------|------------------|---|--------------------------|--|--|--|
| Reins. Cost | 2013 Property    | 2013 Property    |   |                          |  |  |  |
| as a %      | Reinsurance Cost | Reinsurance Cost | surance   | Reinsurance              |  |  |  |
| of Premium* | Arkansas DF      | Companywide      |   | Layer                    |  |  |  |
|             |                  |                  | f Loss Reinsurance:   | Per Risk Ex              |  |  |  |
|             | -                | 5,086,256        | s 1M  | 1st Layer                |  |  |  |
|             |                  | 243,663          | x 5M  | 2nd Layer                |  |  |  |
|             | 0                | 5,329,919        | (A) Per Risk Excess Reinsurance Total Cost                    |                          |  |  |  |
| 0.00%       | 0                |                  | (B) Estimated Reinsurer Profit, Expense, & Risk Load          |                          |  |  |  |
|             | 2013             | 2013             |   |                          |  |  |  |
|             | CAT Reins, Cost  | CAT Reins. Cost  | surance:  | Catastrophe Reinsurance: |  |  |  |
|             | AR DF            | Companywide      |   |                          |  |  |  |
|             | 24,823           | 6,436,160        | xs 20M 2 Events   | 1st Layer                |  |  |  |
|             | 13,183           | 10,588,523       | xs 40M 2 Events   | 2nd Layer                |  |  |  |
|             | 2,769            | 7,396,401        | xs 100M 1 Event   | 3rd Layer                |  |  |  |
|             | 1,458            | 3,892,842        | xs 175M 1 Event   | 4th Layer                |  |  |  |
|             | 42,233           | 28,313,925       | (C) Cat Reinsurance Total Cost                                |                          |  |  |  |
|             | AR DF            | Companywide      |   |                          |  |  |  |
|             | 399,354          | 19,535,083       | (D) AIR CLASIC v12.0 avg annual Severe Storm Loss & LAE       |                          |  |  |  |
|             | 17,056           |                  | (E) Projected Cat Losses Excess of \$20M Retention            |                          |  |  |  |
| 2.3%        | 25,177           | ≣)               | (F) Estimated Reinsurer Profit, Expenses & Risk Load (C) - (E |                          |  |  |  |

<sup>\*</sup> Reinsurance Cost is expressed as a percentage of projected 2013 Arkansas Dwelling EC Earned Premium.

(B) + (H) Property Reinsurance Cost Over Expected Premium:

## Republic Underwriters Insurance Company Arkansas Dwelling Fire Extended Coverage

Assignment of Credibility

| Fisca | l Year  | Earned      |
|-------|---|-------------|
| Endin | g September   | House-Years |
| 200   | 9   | 721         |
| 201   | 0   | 1,509       |
| 201   | 1   | 2,032       |
| 201   | 2   | 2,528       |
| 201   | 3   | 2,167       |
| (1)   | Total Earned House-Years :                                      | 8,956       |
| (2)   | Claim Standard for Full Credibility <sup>1</sup> :              | 1,082       |
| (3)   | Assigned Credibility ((1) / (5)) <sup>'v.5</sup> , maximum 100% | 46.6%       |

<sup>&</sup>lt;sup>1</sup> Frequency only; within 5% with 90% confidence

Calculation of After-tax Return on Equity

After-tax Return on Equity = After-tax return on surplus

- + (Premium /Surplus) x After-tax Return on Reserves
- + (1-tax rate) X (Premium / Surplus) X (targeted pre-tax underwriting profit)

| (1) After-Tax return on investment earnings | 1.5%  |
|---|-------|
| (2) Tax rate                                | 35.0% |
| (3) Premium / surplus ratio                 | 1.7   |
| (4) Return on reserves, after tax           | 0.6%  |
| (5) Targeted pre-tax underwriting profit    | 8.5%  |
| (6) After-Tax Return on Equity              | 12.0% |
| (4) (5) (4) (6) (5)                         |       |

<sup>(1) + (3)</sup>x(4) + [(1-(2)) x (3)x(5)]

<sup>(1)</sup> Exhibit IX, Page 4

<sup>(4)</sup> Exhibit IX, Page 2 & Page 3

Exhibit IX Page 2 EC

## **Estimated Investment Earnings On Loss & Loss Adjustment Expense Reserves**

| 1. Loss and Loss Adjustment Expense Reserves as of December 31, 2011 (a)                              | \$17,367,216 |
|---|--------------|
| 2. Loss and Loss Adjustment Expense Reserves as of December 31, 2012 (a)                              | \$14,580,838 |
| 3. Mean Loss and Loss Adjustment Expense Reserves [ (1) + (2) ] / 2                                   | \$15,974,027 |
| <ol> <li>Actual Incurred Loss and Loss Adjustment Expenses (b), (d)         [ 1.0929 x 0 ]</li> </ol> | \$53,372,797 |
| 5. Average period \$1.00 of Loss and LAE remains in reserves (in years) [(3) / (4)]                   | 0.299        |
| 6. Average Rate of Return on Invested Income (c)  | 1.52%        |
| 7. Expected investment earnings on \$1.00 of Loss and LAE while in reserves [ (1+(6))^(5) - 1 ]       | \$0.0045     |
| 8. Expected Loss and LAE Ratio = (1.000 - Expense Ratio) (e)  | 68.3%        |
| 9. Estimated Investment Earnings as a percentage of Net Earned Premium [ (7) * (8) ]                  | 0.31%        |

- a. Source: Annual Statement, Part 3a, Column 5 + Column 6, Line 4
- b. Source: Annual Statement, Part 3, Column 7, Line 4
- c. Source: Exhibit IX, Page 4
- d. Sources: LAE factor, from the 2012 year-end D.O. Statement
- e. Source: Exhibit VIII, Page 1

### **Estimated Investment Earnings On Unearned Premium Reserves**

|                            |  |                   |              | (h)         |               |            |
|----------------------------|--|-------------------|--------------|-------------|---------------|------------|
|                            |  |                   | _            | Installment | Prepaid       | Total      |
| 1. Home                    | eowners Unearned Premium Reserve as  | of December 3     | 1, 2011 (a)  | 51,277,112  | 11,126,401    | 62,403,513 |
| 2. Home                    | eowners Unearned Premium Reserve as  | of December 3     | 1, 2012 (a)  | 47,477,499  | 10,365,394    | 57,842,893 |
| <ol><li>Mean</li></ol>     | Homeowners Unearned Premium Rese   | rve [{(1)+(2)}/2] |              | 49,377,306  | 10,745,898    | 60,123,203 |
| 4. Redu                    | ction Due to Booking Installment as Full                                   | (b)               |              | 23,404,843  | XXXXXXXX      | 23,404,843 |
| <ol><li>Net M</li></ol>    | lean Homeowners Unearned Premium F   | Reserve           |              | 25,972,463  | 10,745,898    | 36,718,360 |
| <ol><li>Perce</li></ol>    | ntage of Prepaid Expenses (c)  |                   |              |             |               |            |
| (A)                        | Commissions and Brokerages   | (/W.P.)           | 17.1%        |             |               |            |
| (B)                        | Taxes, Licenses, & Fees  | (/W.P.)           | 3.8%         |             |               |            |
| (C)                        | 50% of Other Acq. & Gen. Expens  | se (/E.P.)        | 5.9%         |             |               |            |
| (D)                        | Total Prepaid Expenses [(A)+(B)+   | ` '-              |              |             |               | 26.8%      |
| <ol><li>7. Agent</li></ol> | s' balances as of December 31, 2011 (d                                     | )                 |              |             |               | 87,779,260 |
| <ol><li>Agent</li></ol>    | 8. Agents' balances as of December 31, 2012 (d)                            |                   |              |             |               |            |
| 9. Mean                    | 9. Mean Agents' Balances [{(7)+(8)}/2]                                     |                   |              |             |               |            |
| 10. All lin                | 10. All lines Net Earned Premium for 2012 (e)                              |                   |              |             |               |            |
| 11. Facto                  | 11. Factor Representing Delayed Remission of Premium [(9)/(10)]            |                   |              |             |               |            |
| 12. Net M                  | lean Homeowners Unearned Premiums  | Subject to Inve   | stment       |             |               |            |
| [(5):                      | x{1.0-(6D)}x{1.0-(11)}]  |                   |              |             |               | 19,916,479 |
| 13. Avera                  | ige Rate-of-Return on Investible Income                                    | (f)               |              |             |               | 1.52%      |
| 14. Estim                  | 14. Estimated Investment Earnings on Unearned Premium Reserves [(12)x(13)] |                   |              |             |               | 303,153    |
| 15. Home                   | eowners Net Earned Premium for 2012 (                                      | g)                |              |             |               | 93,090,876 |
| 16. Estim                  | ated Investment Earnings as a Percenta                                     | ige of Homeowi    | ners Net Ear | ned Premium | s [(14)/(15)] | 0.33%      |

a) A. S., Part 2, Line 4, Columns 2 & 3

b) Installment Plan calls for 25% due on Effective Date, payments thereafter in the 3rd, 5th 7th, & 9th months. By comparison, it can be shown that the average monthly unearned premium reserve on the installment plan is 28.47% of the written, while that on the prepaid basis is 54.17%. Hence, a reduction in the unearned premium reserve of 47.4% is appropriate on installment business [(54.17-28.47)/54.17].

c) See Exhibit VII, Page 1

d) A. S., Page 2, Line 13.1 + Line 13.2

e) A. S., Part 2, Column 4, Line 32

f) Exhibit IX, Page 4

g) A. S., Part 2, Column 4, Line 4

|  | Southern     | Republic-<br>Vanguard | Republic<br>Underwriters | Republic<br>Lloyds | Southern<br>Underwriters | Republic<br>Fire & Cas. | Southern<br>Cnty Mutual | Grand Total             |             |
|--|--------------|-----------------------|--------------------------|--------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------|
| Investment Income Calendar Year 2012 (2012 AS)   | 007.004      | 400 500               | 47 000 057               | 00.070             | 400 470                  | 404 505                 | 0                       | 40 004 000              |             |
| <ul><li>(1) Net Investment Income (Page 12, Line 17)</li><li>(2) Common stock of affiliates (Page 12, Col. 1, Line 2.21)</li></ul> | 907,281<br>0 | 486,593<br>0          | 17,308,057<br>5,973,400  | 96,870<br>0        | 128,472<br>0             | 164,595<br>0            | 0                       | 19,091,868<br>5.973.400 |             |
| (3) Net Investment Income after consolidation (1) - (2)  | 907,281      | 486,593               | 11,334,657               | 96,870             | 128,472                  | 164,595                 | 0                       | 13,118,468              | (A)         |
| (b) 1131 m 133 m 3 a 131 3 3 1 3 3 1 3 1 ( ) ( )   | 00.,20.      | .00,000               | ,00 .,00                 | 00,010             | .20, 2                   | ,                       | · ·                     | .0,0,.00                | (, ,)       |
| Capital Gains Calendar Year 2011 (2011 AS)   |              |                       |                          |                    |                          |                         |                         |                         |             |
| (4) Net Realized Capital Gains after Tax (Page 4, Line 10, Col. 1)   | 11,156       | 78,178                | 5,450,246                | 8,186              | 82,412                   | 18,469                  | 22,950                  | 5,671,597               |             |
| (5) Net Unrealized Capital Gains after Tax (Page 4, Line 24, Col. 1)   | 825          | 0                     | 561,160                  | 0                  | 0                        | 0                       | 1,250                   | 563,235                 |             |
| (6) Total Net Capital Gains after Tax (7) + (8)  | 11,981       | 78,178                | 6,011,406                | 8,186              | 82,412                   | 18,469                  | 24,200                  | 6,234,832               | (B)         |
| Capital Gains Calendar Year 2012 (2012 AS)   |              |                       |                          |                    |                          |                         |                         |                         |             |
| (7) Net Realized Capital Gains after Tax (Page 4, Line 10, Col. 1)   | 899,537      | 711,743               | 14,164,637               | 21,694             | 245,953                  | 296,412                 | 1,365,089               | 17,705,065              |             |
| (8) Net Unrealized Capital Gains after Tax (Page 4, Line 10, Col. 1)   | 099,557      | 711,743               | -849,658                 | 21,094             | 245,955                  | 290,412                 | 1,303,069               | -849,658                |             |
| (9) Total Net Capital Gains after Tax (7) + (8)  | 899,537      | 711,743               | 13,314,979               | 21,694             | 245,953                  | 296,412                 | 1,365,089               | 16,855,407              | (C)         |
| (9) Total Net Capital Gains after Tax.(1) + (0)  | 699,557      | 711,743               | 13,314,979               | 21,094             | 240,900                  | 290,412                 | 1,305,069               | 16,655,407              | (C)         |
| Invested Assets as of 12/31/2011 (2011 AS)   |              |                       |                          |                    |                          |                         |                         |                         |             |
| (10) Total Invested Assets (Page 2, Line 12, Col 3)  | 49,637,752   | 23,321,076            | 523,103,885              | 12,677,213         | 5,507,508                | 8,602,313               | 31,841,867              | 654,691,614             |             |
| (11) Value of consolidated affiliates (Page S104, Line 24, Col 2 - SchD)   | 0            | 0                     | 91,216,844               | 0                  | 0                        | 0                       | 0                       | 91,216,844              |             |
| (12) Net invested assets after consolidation (13) - (14)   | 49,637,752   | 23,321,076            | 431,887,041              | 12,677,213         | 5,507,508                | 8,602,313               | 31,841,867              | 563,474,770             | (D)         |
|  |              |                       |                          |                    |                          |                         |                         |                         |             |
| Invested Assets as of 12/31/2012 (2012 AS)   | 00 050 000   | 04.450.075            | 504740004                | 40.005.040         | F 477 000                | 0.000.000               | 00 000 005              | 040 004 040             |             |
| (13) Total Invested Assets (Page 2, Line 12, Col 3)  | 39,852,208   | 24,450,075            | 524,716,224              | 12,025,812         | 5,477,822                | 8,339,982               | 32,002,095              | 646,864,218             |             |
| (14) Value of consolidated affiliates (Page SI04, Line 24, Col 2 - SchD)   | 0            | 0                     | 89,929,483               | 0                  | 0                        | 0                       | 0                       | 89,929,483              | <b>(-</b> ) |
| (15) Net invested assets after consolidation (13) - (14)   | 39,852,208   | 24,450,075            | 434,786,741              | 12,025,812         | 5,477,822                | 8,339,982               | 32,002,095              | 556,934,735             | (E)         |
|  |              |                       |                          |                    |                          |                         |                         |                         |             |
| Capital Gains Rate of Return (After-Tax):  |              | 2.06%                 |                          | (F)=((B)+(C))      | / ((D)+(E))              |                         |                         |                         |             |
|  |              |                       |                          |                    |                          |                         |                         |                         |             |
| Investment Income Rate of Return (Pre-Tax):  |              | 2.34%                 |                          | (G) = (A) / (A)    | /g ((D) , (E)))          |                         |                         |                         |             |
| Effective Tax-Rate in Investment Earnings:   |              | 0.35                  |                          | (H)                |                          |                         |                         |                         |             |
| Rate of Return (After-Tax) on Investment Income:   |              | 1.52%                 |                          | (I) = (G) x (1.0   | 000 - (H))               |                         |                         |                         |             |
| rate of retain (rate) tax, on investment income.   |              | 1.02/0                |                          | (i) = (O) x (1.0   | (11))                    |                         |                         |                         |             |

#### Notes:

Item (1) is net of investment expenses.

Items (5) and (8) are valued at Market.

This is appropriate as this is how these items are carried in (4) and (7) respectively.

## Republic Underwriters Insurance Company Arkansas Dwelling Fire- DP-3 Filing Memorandum

On February 14, 2014, Republic Underwriters Insurance Company submitted a rate change request for its Dwelling Fire program. The Dwelling Fire filing was for a +12.3% change based on an indication of 12.3%. On February 19, we received the following objection on the Dwelling Fire filing:

"Arkansas Code Annotated § 23-67-209 requires the most recent 5-years experience be used in rate development. Please explain why only 4 were used in the determination of the indicated rate need."

Subsequently, on February 24, we were advised to withdraw this filing and re-file in 6 months with updated information. On February 24, 2014, Republic withdrew the filings. However, due to the large rate need and our continued lack of profitability for this line, we feel a delay of another six months would put undo financial stress on our Arkansas program.

In addition, we have addressed the original objection to the Dwelling Fire filing by including five years of data. Due to the lack of credibility and high loss ratio in 2009, we chose to give this year a 5% weighting in our revised indication.

Republic Underwriters provides the attached support to revise the statewide base rates for Arkansas Dwelling form DP-3. These revisions will result in a 5.9% premium increase to be effective on May 15, 2014 for new business and June 15, 2014 for renewal business. The most recent rate change for this program was effective April 1, 2013. Republic currently insures approximately 1,826 DP-3 Dwelling Fire policyholders in Arkansas with a concentration of these policies located in the northwest corner.

An overall indicated rate increase of 15.3% has been calculated using five years of premium and loss experience for the experience period of January 2009 – December 2013. In support of this filing, we have attached exhibits of our Fire and Extended Coverage experience for Arkansas.

## **Summary of Indication/Proposed Changes**

#### Increase Base Rates

|                    | Inforce        |                   | Overall       |
|--------------------|----------------|-------------------|---------------|
|                    | Written        | Rate              | Base Rate     |
|                    | <u>Premium</u> | <u>Indication</u> | <u>Change</u> |
| Fire               | 608,398        | 25.6%             | 6.3%          |
| Allied             | 773,454        | 8.8%              | 6.3%          |
| Allied+Add'l Covgs | 855,840        | 7.9%              | 5.7%          |
| Total              | 1,464,238      | 15.3%             | 5.9%          |

# Republic Underwriters Insurance Company Arkansas Dwelling Fire- DP-3

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Attachments in support of this filing:

**Explanatory Memorandum** 

## Fire & EC Common Exhibits

Exhibit I: Overall Indication and Selected Change for Fire & EC

Exhibit II: Current and Proposed Base Rates by Territory

### **Fire Exhibits**

Exhibit I: Indication

Exhibit II: Premium Trend & Rate History

Exhibit III: Loss Development

Exhibit IV: Loss Trend

Exhibit V: Loss Adjustment Expense (LAE)

Exhibit VI: Intentionally Left Blank

Exhibit VII: Permissible Loss and LAE Ratio

Exhibit VIII: Credibility of Experience

Exhibit IX: Return on Equity Calculation

## **Extended Coverage**

Exhibit I: Indication

Exhibit II: Premium Trend & Rate History

Exhibit III: Loss Development

Exhibit IV: Loss Trend

Exhibit V: Loss Adjustment Expense (LAE)

Exhibit VI: Expected Catastrophe Loss and LAE Ratio

Exhibit VII: Permissible Loss and LAE Ratio

Exhibit VIII: Credibility of Experience

Exhibit IX: Return on Equity Calculation

# Republic Underwriters Insurance Company Arkansas Dwelling Fire- DP-3 Rate Level Indication Explanatory Memorandum

#### Exhibits included in rate indications:

**Exhibit I** presents Republic experience in Arkansas for each of the last five accident years ending December 31, evaluated as of 12/31/2013. Extended Coverage loss data has been adjusted for catastrophe losses. Further adjustments to the data are described below. The indicated rate level change is developed in this exhibit using the standard loss ratio method. The filed rate level change is also provided.

**Exhibit II,** page 1, provides the calculation of Republic premium trend factors for Arkansas. These factors reflect increasing amounts of insurance and other distributional changes. The average earned premium at present rates, shown in column 2, has been fit to an exponential model using 16-, 12-, 8- and 4-point values. The selected annual trend value used to project the premiums over the future policy period is displayed. Premium trend factors are derived by indexing historical premium levels to the latest experience year and then projecting these premiums using the selected annual trend factor to the average earned date of the proposed policy period.

Historical rate changes are shown on page 2 of Exhibit II. Historical premium is brought to the present rate level using the parallelogram method. The most recent rate change for this program was April 1, 2013.

**Exhibit III** displays the calculation of Republic Group Countrywide loss development factors. Loss data used for these calculations are net of salvage/subrogation and the EC data excludes catastrophes. Due to the similarity of Republic's Fire & EC development between different states, countrywide data were used to reduce volatility and provide more credible development factors.

**Exhibit IV** shows the loss trend underlying the rate level indication. Various exponential fits including 4, 8, 12, and 16 points are shown. The selected historical trend factor and projected trend factor are based on the results of these exponential fits. The bottom of Exhibit IV displays the selected historical and future loss trend factors. Republic utilizes a two-step trending procedure with the historical losses in the experience period trended to the mid-point of the latest accident year using the historical trend selection; then projected to the mid-point of the future policy year using the selected future trend.

**Exhibit V** develops the loss adjustment expense (LAE) factor used in calculating the indication in Exhibit I. Republic Arkansas data and countrywide data are used to calculate the Allocated LAE factor and Republic Group countrywide data are used to calculate the Unallocated LAE factor. The ALAE factors are based upon calendar years 2008 - 2012 using Page 15 data and the ULAE factors are based upon calendar years 2008 – 2012 using the consolidated Insurance Expense Exhibit, Part III, Line 1 (Fire) and Line 2.1 (Allied).

Exhibit VI provides the data and calculation of the catastrophe factor used to determine the indication in Exhibit I for Extended Coverage only. Non-hurricane catastrophe losses are ratioed to ex-catastrophe losses for Arkansas, but supplemented with the same ratio from the past twenty-two years for the Republic's Oklahoma Dwelling Fire program. These ratios are used to calculate an average non-hurricane catastrophe to ex-catastrophe loss ratio. The long term average non-hurricane catastrophe load developed in this exhibit is used in the rate level calculation instead of the actual catastrophe losses. The selected non-hurricane catastrophe ratio is applied to the non-cat losses in Exhibit I resulting in an average cat load for each accident year. This better reflects the expected level of catastrophe losses in the future policy period by removing excessively heavy or light catastrophe years from the experience period.

Exhibit VII., page 1, shows the development of the permissible loss and LAE ratio (PLR). General and Other Acquisition Expenses are based on Republic data from the Insurance Expense Exhibit while all other data are based on experience from internal accounting reports. The internal accounting reports are more accurate for this personal lines dwelling program since Republic Annual Statement data contains a combination of personal and commercial lines data for Fire and EC. Disallowed expenses and the premium received from policy fees have been removed from the expense load. The marginal cost of reinsurance, calculated on page 2, Exhibit VII, is included as an expense for EC. Marginal cost means the charge for the coverage over and above the expected catastrophe losses included in the rate indication. The reinsurance load as presented in the attached rate indication for EC reflects the current treaties and costs for 2013. Coverage for all catastrophic events between \$20 million and \$300 million are covered under the 2013 reinsurance treaties. The calculation of the Profit and Contingencies Provision included in the development of the PLR is provided on Exhibit IX.

**Exhibit VIII** details the calculation of credibility assigned to the rate indications in Exhibit I.

**Exhibit IX** develops the underwriting profit provision with consideration of investment income generated from held reserves, the premium/surplus ratio reflecting the surplus allocated to this line of business and the target after-tax return on surplus. A total after-tax return on equity of 12% is targeted.